TENNESSEE WESLEYAN COLLEGE

CATALOG 1992-1993

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Tennessee Wesleyan College admits students of any race, color, national and ethnic origin to all the rights, privileges, programs, and activities generally accorded or made available to students at the college. It does not discriminate on the basis of race, color, creed or national and ethnic origin in administration of its educational policies, and athletic and other college-administered programs.

It is the policy of Tennessee Wesleyan College not to discriminate on the basis of sex in its educational programs, activities or employment policies as required by Title IX of the 1972 Education Amendments.

TENNESSEE WESLEYAN COLLEGE

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TENNESSEE WESLEYAN COLLEGE

ATHENS, TENNESSEE

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Tennessee Wesleyan College
Athens, TN 37371-0040

Catalog
1992-1993

A Four-Year Liberal Arts College
Related To The Holston Conference
Of The United Methodist Church
Founded in 1857

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Accreditation

Tennessee Wesleyan College is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award baccalaureate degrees.

In addition, Tennessee Wesleyan's program has been approved by:

The Tennessee State Board of Education
The University Senate of the United Methodist Church

The College reserves the right to change the rules regulating admission to the institution and any other regulations affecting the student body or the granting of degrees.

The College also reserves the right to withdraw courses, to change its calendar, and to alter charges and fees as conditions may require. Such changes shall go into force whenever the proper authorities may determine and shall apply not only to prospective students but also to those who may, at such time, be matriculated in the College.

The College further reserves the right to refuse to release to any student a transcript, grade report, or degree for failure to return College property or to pay any accounts due to the College.

A Christian College

HISTORY

Tennessee Wesleyan College is a four year liberal arts institution affiliated with the Holston Conference of the United Methodist Church. The college is committed to quality education in a Christian environment.

For more than a century Tennessee Wesleyan College has been a major center of learning in the Sweetwater Valley. Since its beginnings as Athens Female College in 1857, TWC has enjoyed an ongoing and dynamic relationship with one of the branches of the Methodist Church, first under the sponsorship of the Holston Conference of the Methodist Episcopal Church, South, then, in 1866, under the Methodist Episcopal Church. At this point the College became East Tennessee Wesleyan College.

In 1867, the name again changed to East Tennessee Wesleyan University, in 1886, to Grant Memorial University, in 1889, to U.S. Grant Memorial University, with divisions in Athens and Chattanooga, and in 1906 to the Athens School of the University of Chattanooga.

The year 1925 saw the college become independent with a charter issued by the State of Tennessee, and the name of Tennessee Wesleyan College was adopted.

While the College's name changed often, the reasons for its being remained consistent—providing a solid Christian education in a stimulating learning environment.

TWC served as a junior college from 1925 until 1954 when it became a senior college, a long-awaited dream. The first baccalaureate degrees were awarded on June 1, 1957.

Today, Tennessee Wesleyan College continues to provide its students with a setting for genuine, intellectual and personal growth.

DEFINITION OF A CHRISTIAN COLLEGE

"**A Christian college,** as applied to Holston Conference colleges, must provide a quality education through both traditional and innovative programs in a Christian community of learning and fellowship without regard to race, sex, or national or ethnic origin."

Holston Conference Board of Trustees and
Board of Higher Education

However, a Christian college, both as a part of this process and going beyond it, must seek to prepare persons-

- to seek the full truth
- to attain vocational competence
- to witness through service and example
- to make decisions with wisdom and understanding
- to develop and identify as one's own a philosophy of life adequate to the demands of our day, and
- to face the hard questions of values and the relevancy of Jesus Christ in order that the church, the nation, and the world might have concerned citizens and the leadership so essential for tomorrow.

MISSION

We subscribe to the following mission as a qualitative view of what this college can continue to become:

We of Tennessee Wesleyan College share a concern for mankind's development in an uncertain tomorrow. We perceive ourselves not as a fragmented body of

students, faculty, and administration, but as an integrated community of scholars dedicated to excellence, standing in a Christian heritage, and determined upon the search for continuing relevance and direction. We do not know where this search will ultimately lead us, but we are certain that properly directed it will prove to be one of the most valued experiences of our lives. Our intentions are:

- to engage in experiences emphasizing character, responsibility, leadership, and democratic behavior;
- to awaken needs, to stimulate involvement and inward responsiveness, and to point to valid sources of knowledge;
- to be challenged by the broad sweep of knowledge and beauty;
- to relate our disciplines to each other;
- to stimulate an interest in and appreciation for the natural world;
- to respond, not merely react, to one another;
- to seek an understanding of humanity;
- to ask questions we cannot answer;
- to risk ourselves and our values;
- to seek new forms of encounter;
- to be intercultural, interfaith, interracial, and international.

And in so doing:

- acquire a meaningful set of values with which to make choices and become involved in the vital issues of life;
- become persons with identity;
- join in the excitement of problem-solving and theory-making;
- gain understanding of a single discipline while developing broad knowledge of many fields;
- acquire aesthetic values and experience beauty;
- be discriminating, yet tolerant;
- become aware of the unity of all knowledge;
- cope rationally with and contribute constructively to the world;
- acquire skills for making a living that will be of service to others.

PURPOSE

Tennessee Wesleyan College takes pride in its role as a small, church-related college with baccalaureate programs in the liberal arts, business, education, and career-related areas. The curriculum is designed to prepare graduates to be knowledgeable, to be able to think critically and creatively, and to develop a basis for judgment. In order that they may take their places in modern society, graduates are expected to be able to:

- use effectively the communication skills of reading, writing, speaking, and listening;
- be knowledgeable of religious beliefs and issues, the religious positions of others, and the choices with which religion confronts them;
- recognize the issues that affect social and political behavior in their historical and cultural perspective;
- demonstrate mathematical skills and discover the impact of science and technology;
- appreciate the contributions of the arts and literature to life enrichment;
- choose physical activities which will enhance wellness.

A SETTING FOR STUDY

Even the architecture of Tennessee Wesleyan tells something about the college.

Old College Hall, built in the early 1850's, stands as a symbol of the tradition and heritage of TWC. Briefly during the Civil War it served as a hospital for the wounded.

Its strength and durability reflect the resiliency of the college, its varied uses indicate something of the flexibility of the institution.

Just across the walk is the modern Fisher Hall of Science complete with laboratories, lecture rooms and conference rooms and the Merner-Pfeiffer Library with the charm of neo-classical architecture and the openness of a friendly campus learning center.

The campus is well-lighted and there is easy access to all buildings and dormitories.

The fourteen buildings are clustered in the center of the City of Athens where governmental buildings, businesses and churches afford intimate access to the busy life of the county seat community of McMinn County and are visible signs of the harmony of tradition and modernization and the academic and business, political, religious and cultural life of college and community working together that characterize the college.

MAJOR PROGRAMS OF STUDY

Each student is required to choose a major field of concentration and to complete the requirements of that major as indicated in the college catalog. Students officially declare their major by using the prescribed form and filing it in the Office of the Academic Dean.

Students should allow at least two academic years to complete the work for a major. The student who waits until the junior year to declare or change a major should expect to spend extra time satisfying the requirements.

Majors

Bachelor of Arts (B.A.)
Behavioral Science
English
English/Mass Communications
History
Mathematics
Music
Pre-Seminary
Psychology
Interdisciplinary

Bachelor of Applied Science (B.A.S.)
Business Administration
- Accounting
- Management
- Human Resources

Bachelor of Music Education (B.M.Ed.)
Church Music
Music

Bachelor of Science (B.S.)
Biology
Business Administration
- Accounting
- Aviation Management
- Computer Information Systems
- Management/Human Resources

Chemistry
Church Vocations
English
General Science/Biology
General Science/Chemistry
History
Human Learning
Human Services
Interdisciplinary Studies
Mathematics
Physical Education
Social Science

Areas of Teacher Licensure

Licensure is available in grades 1-8 or K-8 with majors in Human Learning and Interdisciplinary Studies.

Students may be licensed in grades K-12 in Music and Physical Education.

Licensure in **grades 7-12** is available in the following subject matter areas: General Science/Biology, General Science/Chemistry, English, History, Mathematics, and Social Sciences.

Interdisciplinary Majors

There are times when students have career or life goals for which no single major can adequately prepare them. In these instances, students have the option of creating, with the approval of their advisor, the appropriate Department Chairs, and the Academic Dean, an interdisciplinary major to meet their needs. All such programs must be approved and placed on file in the Academic Dean's Office before the student can officially declare an Interdisciplinary major.

Law

There is no specific pre-law major. Admission to law school is normally based on personal and scholastic records and on the results of one's score on the national legal aptitude test rather than on a prescribed undergraduate course of study. As a prospective law school candidate, a student should seek to acquire from his/her undergraduate studies skills in the written and oral use of the English language, understanding of Western political, social, and economic institutions, and an ability to think concisely and independently.

Pre-Professional Studies (Allied Health)

There are no specific majors for pre-professional studies in Allied Health. Because undergraduate requirements for admission to various medical programs differ according to the program and to the professional school, the student and the advisor will determine whether to adopt a single-area major (for example, Chemistry or Biology) or design one especially for the student. Thus, a student planning a career in the Health Professions should identify his/her goal as early as possible to the academic advisor. These careers include, but are not limited to, Medicine, Dentistry, Medical Technology, Optometry, Pharmacy, and Physical Therapy.

DIVISION OF ADULT AND CONTINUING EDUCATION

Bachelor of Applied Science Program

The B.A.S. is a unique degree designed to meet the needs of working adult learners who hold a business-related associate degree or equivalent college hours. A major in Business Administration is available with emphases in Accounting, General Management, and Human Resource Management. These classes are taught at the Athens campus and branch campuses in Chattanooga, Knoxville, and Oak Ridge four nights per week. Please see major listings for specific course requirements.

Continuing Education

Classes, seminars and workshops are provided through Continuing Education. Certificates of Recognition and Continuing Education Units (CEU's) are used to give status and credibility to the noncredit courses. New features include afternoon classes for Senior Adults; a one-day Senior enrichment seminar; TWC Kids on Campus, a program which offers classes for four weeks in the summer for children six to 12 years old. Continuing Education Units cannot be applied toward an academic degree; however, official college transcripts are provided, and CEU's are recognized by most industries as official evidence of training for job advancement.

INTERNATIONAL DIVISION

Tennessee Wesleyan's International Division assists students holding F-1 visas. The Division offers intensive English as a second language training for students failing to meet the minimum TOEFL score required for admission to the college and provides orientation programs for new international students.

The Division also supervises the College's summer study abroad tours by which participating students can earn credit in a variety of subjects.

STUDENT LIFE

College years should be memorable ones. Memories—from inside and outside of the classroom—of friendships, decisions, dreams and experiences, should be joyful reminders of good times the whole life through.

All of this can happen because TWC makes it easy for students to find a special place. Opportunities abound for experience in musical, dramatic, athletic, religious, social and professional activities. A major consequence of attending a small college is that by joining in such experiences the pleasures of doing something enjoyable is heightened by a sense of that special kind of caring spirit which is so much a part of TWC group activities.

Some of the organizations and activities are listed below; however, new groups are continually being formed; individual needs can always be served in this way.

ORGANIZATIONS

Academic

Alpha Chi is a National College Honor Scholarship Society founded in 1922 and now consisting of 119 chapters in 37 states and two countries. It is a general scholarship society open to both men and women who rank in the top ten percent of the junior, senior, and graduating classes and who in addition have an overall 3.20 grade-point average. High scholarship is the primary requisite for membership, but good character and reputation are considerations. Elections by the faculty are held annually in the fall. The purpose of the society is to encourage sound scholarship and devotion to the truth, not only among its members, but among all the students on campuses on which there are chapters.

Afro-American Student Union is an organization open to all students but intended to promote awareness and understanding of the black movement in America. The AASU sponsors various campus service activities and an annual educational program.

International Students Club organization is designed to ease the transition of those students attending TWC from foreign countries. The club acts as a support group for one another and as a service group to the campus. Membership is open to all students.

P.E.M.M. is an organization open to all students majoring or minoring in health, physical education, recreation, and church camps and recreation. The purpose of the organization is to provide professional and practical experiences in the academic fields.

Student Tennessee Education Association is a professional association for students enrolled in the teacher education program. STEA seeks to develop in education students an understanding of the profession, to provide a state and national student voice in matters affecting their education and their profession, to influence the conditions under which prospective teachers are prepared, and to stimlulate the highest ideals of professional ethics, standards, attitudes, and training.

Social

Two sororities maintain chapters on the Wesleyan campus. The sororities are Alpha Xi and Sigma Kappa. Both new and returning students are eligible to pledge these organizations. Upon completion of a pledge period, a student with a "C" average and enrolled in at least three courses is eligible to be formally initiated. Sigma Kappa has national affiliation while Alpha Xi maintains only local status.

Of course, students who choose not to join a sorority still have opportunities for full participation in social activities.

Service

The Student Government Association serves as liaison between the student body, faculty, and administration. It seeks to increase the sense of community among students and to aid in the interpretation of college policies. SGA consists of both Legislative and Judicial Councils. Membership, eligibility, and qualifications for office are defined in the Student Handbook. Election is by a simple plurality of votes cast.

The Kiwanis Club sponsors Circle K, a service organization for college men and women. Circle K is a leadership and character-building group serving the campus and community. Membership is by invitation only, and the qualities considered in ascertaining eligibility are character, scholarship, and leadership. Membership cannot exceed ten percent of the College enrollment.

Athletics

The College stresses the importance of physical training for both men and women by making provision through its athletic program for intercollegiate basketball, football, tennis, softball, soccer, baseball, and golf. TWC also offers an extensive intramural program for those who want to keep fit just for the fun of it.

The College is a member of NAIA, and the Tennessee Valley Athletic Conference.

The Intramural program is organized to encourage sport programs and activities for Wesleyan students.

The student is given free admission to all athletic events sponsored by the College.

The Athens-McMinn County YMCA is located conveniently on campus property leased from the College. The Y has an indoor-outdoor swimming pool, available on a scheduled basis, to the students, staff and faculty of the College. TWC also uses the pool for instruction in swimming, lifesaving, and water safety. The student can have full use of all YMCA facilities for a nominal fee.

Publications

Students are invited to serve on the staffs of *The New Exponent,* the student newspaper, *The Nocatula,* the college yearbook, and *The Springs of Helicon*, the literary magazine. Editors of the publications are chosen by The Publication Board.

Health Services

The college has a registered nurse, living on campus, who is in charge of all health services for the student body. All health needs of a temporary nature are handled through the infirmary. All prolonged or serious illnesses are also handled by the nurse through referrals to local doctors or hospitals as is deemed necessary.

There is no charge for services rendered by the nurse or for use of the infirmary facilities. Whenever the services of a physician are required it will be necessary for the student to pay the bill per that doctor's offices request.

Tennessee Wesleyan College reserves the right to require the withdrawal of a student for physical or emotional reasons. Students who withdraw under such circumstances may be considered for readmission following a determination by the Student Health Service that the condition requiring withdrawal has been corrected. Students seeking readmission should contact the Dean of Student Services.

Housing and Food Services

Tennessee Wesleyan operates both men's and women's residence halls. All students must live in college housing and eat in the cafeteria unless they reside with close relatives. The cafeteria features good meals seven days a week and is closed during official college holidays. The residence halls are closed during Thanksgiving, Christmas and Spring holidays. Personal effects may be left in the rooms during regular term vacations, but not during the summer vacation.

Career Counseling and Placement

One of the most important services available to students at TWC will be the opportunity to receive career counseling and placement assistance. Faculty advisors and the Dean of Student Services Office are available to discuss future goals and to assist in the investigation of the various careers open.

A student using the placement service should file all requested materials with the Dean of Student Services Office.

Counseling Services

There is a broad range of counseling services available at TWC. The staff in the Dean of Student Services Office is able to assist with matters relating to educational, personal or vocational guidance. Other staff and faculty personnel are also available to assist, such as the Campus Minister, the Academic Dean, faculty advisors and the financial aid staff.

Religious and Cultural Programs

The College offers a wide range of opportunities for religious and cultural enrichment. Each quarter a series of events is sponsored through the Chapel/Convocation Program. Weekly chapel services, patterned in both traditional and contemporary forms, are enhanced by guest ministers, visiting musical groups, the college choir, the Consolidation, as well as student participation. Convocation programs strive to raise the consciousness of interest in our world. They range from political issues to dramatic and musical productions.

Other religious and cultural activities are offered on a continuing basis for growth and fellowship. There is a choice of the Wesleyan Christian Fellowship, individual counseling, the college choir, vocal and wind ensembles, and The Masqued Players. TWC wants the students to get involved, for their own sake. The office of the Campus Minister serves as a liaison if the student is interested in church-related vocations by making available current theological school bulletins, the arrangement of meetings with seminary representatives, vocational counseling, and church employment opportunities.

Special efforts are made to relate students to the various churches in the community and to the nearby Baptist Student Union.

Convocation Program

Tennessee Wesleyan promotes the philosophy that a liberal education requires more than traditional classroom learning alone. Therefore, to promote a well rounded education and to enhance cultural, spiritual, and social development, a convocation program is provided by the College.

Full-time students (those enrolled for twelve hours or more) attending classes on the main campus are required to attend eight convocations per semester. A list of scheduled convocation programs is distributed at the beginning of each semester. Copies are always available in the Student Services Office. Additional convocations and corrections will be specially advertised.

Attendance may be required for some programs, such as the opening convocation of each semester and Heritage Day. All full-time students are expected to attend. Required convocations may be counted for credit toward the eight needed for the semester.

Anyone who has work conflicts, health problems, or other bona fide reasons for needing to be excused from a convocation should contact the Dean of Students before the date of the program. Requests to be excused should be submitted in writing along with any pertinent information such as the period of time under a doctor's care, place of work, and work schedule.

Student teachers and individuals doing college field work may be excused by a letter from their on-campus supervising faculty member.

Those individuals who are not excused will be fined $5.00 for each missed convocation up to the required number of eight. This fine will also be applicable to those individuals who miss programs listed "required of all full-time students" without having been excused.

Standards of Conduct

The College expects all students to uphold the ideals of the Judeo-Christian community. Students who do not appreciate such ideals should not register in the College.

By registering in the College, the student agrees to abide by the regulations of the College found in the catalog and the Student Handbook, and other decisions of the faculty and the Student Government Association made from time to time.

The use or possession of alcoholic beverages and illegal drugs on the campus, gambling in any form, and possession of firearms or explosives are prohibited. Violations of these regulations will be handled by the College Judicial system. Consult the Student Handbook for details.

NONDISCRIMINATORY POLICY

Tennessee Wesleyan College welcomes students and employees of any race, color, sex, national or ethnic origin or handicap to all the college administered rights, privileges, programs and activities.

It is the policy of the college to be especially sensitive to the needs of handicapped persons and will make adjustments necessary to provide each individual with adequate access.

RIGHT TO PRIVACY UNDER THE PUBLIC LAW 93-380

This law sets out requirements designed to protect the privacy of students. It requires that (1) institutions must obtain the written consent of the student before releasing personally identifiable data from their records to other than a specified list of exceptions, and (2) students have access to their records and have the right to a hearing to challenge such records on the grounds that they are inaccurate, misleading, or otherwise inappropriate.

Content and Location of Educational Records at TWC

Type of Educational Record	Information in Record	Persons with Access	Custodian
Academic Record	Courses, grades, degrees, entrance exam scores	Faculty/Staff with need Certifying Agencies	Registrar
"Hold" List	Information concerning non-release of records	Faculty/Staff with need	Registrar
Withdrawal Records	Courses, date, reason for withdrawal	Faculty/Staff with need Certifying Agencies	Registrar
Student Folder	Application for admission, receipt for admission fee, high school transcript, previous college transcripts, general correspondence, admission test scores, recommendation letters, transfer evaluations, I-20 forms (foreign students), financial statements (foreign students)	Faculty/Staff with need	Registrar
Grade Sheets/Change of Grades	Students in each class and final grade/new grade and reason for change	Faculty/Staff with need Certifying Agencies	Registrar
Drop/Add Form	Class change data	Faculty/Staff with need	Registrar
Change of Major/Advisor Forms	Major change, advisor's name	Faculty/Staff with need	Academic Dean
Veteran's Administration Files	Enrollment data, dates of attendance	Staff with need V.A. Staff	Registrar
Résumés and References	Personal data, personal recommendations	Faculty/Staff with need	Placement Officer
Discipline	Violation and penalties	Personnel in Dean of Student's Office	Dean of Students
Payrolls	Payments, withholdings	Business Office Personnel	Business Manager
Financial Aid Folder	Loans, grants, scholarships, work-study awarded, repayments, correspondence	Financial Aid Personnel	Director of Financial Aid
Student Deposits and Receivables	Amounts due from students, deposit amounts, dates	Business Office Personnel	Business Manager
NAIA Eligibility Lists	Student's academic standing for eligibility to participate in intercollegiate athletics	Staff with need	Faculty Athletic Representative

The law considers the information below to be "Directory Information," which may be routinely released by the college to those who inquire. If the student requests in writing that this information is not to be released it will remain confidential.

Student name and number
Address and telephone number
Date and place of birth
Residence hall and room number
Marital status
Current enrollment and class status
Advisor and major field of study
Dates of attendance and degree(s) earned
Awards and honors
Last previous institution attended

You Can Afford Wesleyan

FINANCIAL AID PROGRAMS

Tennessee Wesleyan College recognizes the problem of constantly increasing educational costs and offers a substantial program of financial aid to assist those needing help. At TWC, we make every effort to assure that qualified students are not barred due to their limited resources. The purpose of student financial aid is to provide assistance to qualified students who would find it difficult or impossible to attend TWC without aid.

Students who apply for federal or state grants, loans, or scholarships must complete a Financial Aid Form (FAF) in order to receive a financial needs assessment. Need is defined to be the difference between the cost of attending Tennessee Wesleyan and the calculated family contribution toward this cost. After completion of the financial aid forms and the student's need has been established, the Director of Financial Aid will determine the student's eligibility for the various programs. Financial aid may be awarded in the form of federal or state grants, scholarships, loans, work study jobs, or a combination of any of these programs which will best meet the student's needs.

No award for financial assistance can be made until a student has been accepted for admission to TWC, and the appropriate application forms and supporting documents have been completed and filed with the Financial Aid Office. Application forms may be obtained from the Director of Financial Aid. Applicants must file an application each year in which they expect to receive aid.

Grants

Pell Grant—This is a direct grant from the Federal Government based on financial need and is restricted to undergraduates, U.S. citizens or those in the U.S. for other than temporary reasons. The recipient must maintain satisfactory academic progress and complete the Financial Aid Form (FAF).

Supplemental Educational Opportunity Grant (SEOG)—a federal grant administered by TWC of up to $750 per year. The applicant must submit an Application for Financial Aid to TWC, apply for the Pell Grant if an undergraduate, and apply for the TSAA if an undergraduate Tennessee resident. This program is restricted to U.S. citizens, or those in the U.S. for other than temporary purposes, who are undergraduates maintaining satisfactory academic progress, with priority given to Pell Grant recipients.

Tennessee Student Assistance Award (TSAA)—A direct grant from the State of Tennessee, for undergraduate Tennessee residents, based on financial need. The applicant must submit a Financial Aid Form.

Commuter Grant—A grant is available to full-time commuter students during their freshman and sophomore years. Students qualifying receive $200 per year.

Church Related Vocations Grant—This program is available to those students who are preparing for a future vocation which is church related. The amount of the award for full-time students is $1200 for United Methodists and $600 for non United Methodists. This award is equal to the number of hours necessary for the initial baccalaureate degree. The recipient signs a promissory note indicating that should she/he not enter a church related vocation, the grant is due and repayable to the college six months after the student graduates or leaves TWC.

Dependent of United Methodist Ministers Grant—Available to the dependents of ordained, commissioned and licensed United Methodist ministers. The grant is

$1500 for full-time students. This grant is equal to the number of hours necessary for the initial baccalaureate degree.

Family Grants—Full-time students who have other members of their family attending the college at the same time on at least a half-time basis are eligible to receive a $150 per year family grant.

Athletic Service Grants—The College has available for students who qualify, grant money for those designated by the Athletic Department. Interested students should contact the Director of Athletics.

Work

College Work Study Program (CWSP)—A Federal work program administered by TWC. The number of hours a student works per week is based on financial need. The applicant must submit a Financial Aid Form (FAF). This program is restricted to U.S. citizens, or those in the U.S. for other than temporary purposes, who are maintaining satisfactory academic progress.

TWC Workship Program—An institutional work program whereby students may work up to eight hours per week, when classes are in session. Jobs depend upon availability of work and funds. Applicants must complete the Financial Aid Form (FAF).

Off-Campus Jobs—The Dean of Student Services Office attempts to assist students in securing off-campus employment with area businesses.

Loans

Stafford Loan Program—A Federal loan program which allows the student to borrow long-term, low-interest (8%) loans based on need from a bank or other lending institution. All applicants must apply for Pell Grant, maintain satisfactory academic progress, and submit a Stafford Loan application for their particular state. Loan limits per academic year—first and second year: $2625; third and fourth year: $4000. Repayment begins six months after the student graduates, leaves school, or falls below half-time enrollment. The Financial Aid Form (FAF) is required.

TYPICAL REPAYMENT PLANS

Total GSL Indebtedness	Number of Payments	Monthly Payment	Interest Charges	Total Repaid
$2,500	60	$ 50.70	$ 541.46	$ 3,041.46
5,000	60	101.39	1,082.92	6,082.92
10,000	120	121.33	4,559.31	14,559.31
12,500	120	151.67	5,699.14	18,199.14
25,000	120	303.33	11,398.28	36,398.28

Notes: (1) The need amount may limit the size of your loan.
(2) After four years of repayment, interest rate is 10%.
(3) A student may not receive more than two loans at each grade level.

PLUS Loans and Supplemental Loans for Students (SLS)—PLUS enables parents to borrow up to $4,000 per year for a child who is a dependent and enrolled at least half-time. SLS enables independent undergraduate students to borrow up to $4,000 per year. These are not need-based, but students must be maintaining satisfactory academic progress. Both PLUS and SLS loans can be deferred (principal and/or interest) while the student is enrolled in school.

Perkins Loan (formerly National Direct Student Loan (NDSL)—A Federal loan program administered by TWC whereby students may borrow long-term, low-interest (5%) loans equal to their financial need or a maximum amount of $4,500 for the first

two years, a total of $9,000 for undergraduate work and $18,000 as graduates. Interest and repayment are deferred until six months after the student leaves school. There are special cancellation provisions for those teaching the handicapped or in low-income schools. The applicant must submit an Application for Financial Aid to TWC, a Financial Aid Form (FAF), apply for the Pell grant if an undergraduate, and apply for the TSAA if an undergraduate Tennessee resident. This program is restricted to U.S. citizens, or those in the U.S. for other than temporary purposes, who are maintaining satisfactory academic progress.

United Methodist Student Loan Program—A loan program offered through the United Methodist Church. An applicant must meet the following requirements in order to borrow:

1. Be a member of the United Methodist Church. Church attendance or participation in church activities does not constitute Church membership. Only those who have been received into full membership are eligible.
2. Be a citizen of the United States (or have permanent resident status).
3. Be admitted to a degree program in an accredited college in the United States; must maintain at least a "C" average to be eligible for loans.

Loans are not made to students on academic or disciplinary probation, nor to individuals when any other member of the family has a delinquent account with the fund.

NO EXCEPTIONS ARE MADE TO REGULATIONS.

Loans are made per calendar year (January 1 through December 31) at 6% interest. The maximum per year for the undergraduate students in United Methodist schools is $1,000.

Part-time students taking at least six credit hours may borrow up to one-half the amount available to full-time students.

A student is eligible for only one loan each calendar year. No more than $6,000 may be borrowed during a student's entire educational program. An applicant must be registered and in classroom attendance for the term for which the funds are to be used before the loan can be finalized.

Emergency Loan Program—The College, through the Dean of Students Office, has available emergency loan funds for students who need special assistance for a short period of time. A student may borrow a maximum of $25.00 and must repay that amount within a one-month period. There is also the TWC Student Loan Fund available through the Financial Aid Office. For details, see the Director of Financial Aid.

Other

Veterans Benefits, and Vocational Rehabilitation are available to qualified students. Applicants may check with their local guidance office or the TWC Financial Aid Office for further details regarding these or any other programs. No TWC Application for Aid is required.

Scholarships

Several scholarships are available which are based on outstanding academic achievement. Applicants for these scholarships should submit to the Director of Admissions transcripts and ACT and SAT scores in addition to the applications for federal financial aid. Applicants must be enrolled full time on the Athens campus and be citizens of the United States. Applicants are eligible for only one major institutional scholarship. The filing of the Financial Aid Form (FAF) is required for all scholarships.

The following is a list of the scholarships available:

The Harriet Reeves Neff Scholarships—For incoming freshmen only: Valued at $3,000 per academic year, the Harriet Reeves Neff Scholarship is Tennessee Wesleyan's top award. Applicants must meet the following criteria:

1) Have a composite score of 26 on ACT test or 1000 on the SAT and a 3.00 grade-point average.
2) Must be in a place of leadership
3) Must be recommended by the high school principal and a guidance counselor
4) Must be interviewed with parents or guardian on campus
5) Must be a resident student (Commuters: $1,800 per year)
6) Must maintain a 3.30 grade-point average for scholarship to be renewed for subsequent academic years

Academic Recognition Scholarship—Value $2,000 per year.

Terms of the scholarship:

Graduate in the top 10% of your high school class or ACT score of 24 (SAT 960).

Be recommended by high school principal or guidance counselor.

Maintain a 3.2 GPA or higher on an annual basis to renew the scholarship.

Be a resident student (Commuter students are eligible for $1,350 per year).

Be interviewed on campus with parent or guardian.

Wesleyan Scholars—A scholarship program for entering freshmen who have a 3.00 GPA (B average) in high school. The value of this scholarship is $1,000 per academic year and is renewable providing the student maintains a 3.00 grade point average.

Presidential Scholars—This scholarship is available to transfer students in varying amounts ($1,000-$3,000) based on academic achievement.

Academic Achievement Awards—The scholarship program is open to returning students who have achieved outstanding academic work. Students are required to apply for this program for consideration. The amount of this award varies. It is renewable provided the student maintains a 3.00 grade-point average.

Music Scholarships—The music department makes the determination of these awards. Interested students should contact the Chairperson in Music for additional information. The amounts vary.

Alumni Scholarships—This scholarship program provides need-based financial assistance to children of alumni, with priority being given to children of deceased alumni. After August 1, funds may be available for other students. Contact the Financial Aid Office for additional information.

United Methodist Scholarships—This scholarship program is made available through the Board of Higher Education and ministry of the United Methodist Church. Annual amount is normally $500. For additional information, contact the Financial Aid Office.

Holston Conference Grant—A program made available through the generosity of the churches in Holston Conference for needy students. Students should be members of the Holston Conference and should contact the Financial Aid Office for further information.

Junior Miss Scholarship—Tennessee Junior Miss contestants, finalists, and winner of the state-sanctioned Junior Miss Pageant with a 3.00 GPA are eligible for:

Contestants	$1,000 per year
Finalists	$2,000 per year
Winner	$3,000 per year

Renewable with a 3.00 GPA.

Teacher Loan/Scholarship Program—Tennessee residents licensed to teach math or science (secondary) or art or music (K-8), have a 19-21 ACT score, 3.00 cumulative GPA, $1,500 per academic year. For each year of full-time teaching in the Tennessee public school system, the loan will be cancelled by 25% of the total amount borrowed plus interest accrued.

Other Scholarships Include:

The All-American Scholarship
The Curtis and Flavella Allen Scholarship
The Alumni Scholarship Fund
The Josephine Fite Arnwine Music Scholarship
The John H. and Ruby M. Arrants Scholarship
The Helen Arterburn Music Scholarship
The Athens Kiwanis Club Scholarship
The J. Monroe and Alicia Ball Scholarship
The Sara Jo Bardsley Scholarship
The Benton Banking Company Scholarship
The Reverend and Mrs. J. T. Bird Memorial Scholarship
The N. Allen Birtwhistle Scholarship
The Ethel F. Black Scholarship
The Doris S. Burrus Scholarship
The R. Frank Buttram Scholarship
The Albert Lee Callahan Memorial Scholarship
The Carl T. Carroll Memorial Scholarship
The Bill Carter Memorial Scholarship
The Ernest L. and Louise M. Clark Scholarship
The Mr. and Mrs. Charles Cochran, Sr. Scholarship
The J. Van B. Coe Tennis Scholarship of the Athens Rotary Club
The George E. Crouch Scholarship
The Bobby Davis Scholarship
The David Dimmitt Scholarship
The Aletha and Thad Dorsey Scholarship
The Reverend D. Sullins Dosser Scholarship
The Ann Dougherty Scholarship
The O. W. Duggan Scholarship
The Henry W. Durham Scholarship
The John M. Durham Memorial Scholarship
The Charlotte N. Eddins Scholarship
The Kenneth M. Elliott Scholarship
The Robbie Ensminger Scholarship
The Episcopal Church Women of St. Paul's Parish Scholarship
The Grace Evans Scholarship
The Elizabeth Millard Farmer Scholarship
The John W. Ford, Jr. Scholarship
The Mr. and Mrs. Joe Frye Scholarship
The Elizabeth Guess Gardner and William Riley Gardner, Jr., Scholarship
The Nellie J. Garrison Scholarship
The Reverend Marvin B. Gass Scholarship

The Hugh, Lee and Fred W. Gladson Memorial Scholarship
The Bryan Haile Scholarship
The C. L. Hardwick Scholarship
The Jeffrey T. Harper Scholarship
The Frederick D. and Martha Dunn Higgins Scholarship
The R. L. and Ferol Howard Scholarship
The A. Jack Houts Music Scholarship
The Rankin M. Hudson Athletic Scholarship
The Alberta L. Johnson Scholarship
The John H. Johnson Scholarship
The Keith Memorial United Methodist Church Scholarships
The Catherine D. Keith Scholarship
The Clara Lou Kelly Scholarship
The Erwin and Eva King Ministerial Scholarship
The Mary E. Kirby Scholarship
The Russell R. Kramer Scholarship
The Edwin Augustus Long, Class of 1883, Scholarship
The Mary Vincent Long Memorial Scholarship
The Ben Longley Memorial Scholarship
The R. N. McCray-Hooper Eblen Scholarship
The Hugh V. Manning Scholarship
The LeRoy A. Martin Academic Scholarship
The Gladys Million Scholarship
The Missionary Emergency Fund Scholarships
The Blanche Bettis Moore Scholarship
The W. Morris Morgan and A. W. Bentley Scholarship
The George E. Naff, Jr. Scholarship
The Herbert L. and Richard D. Noel Scholarship
The W. L. Pearson Scholarship
The Eula Mae Wade Peavyhouse Scholarship
The William L. Pope Memorial Scholarship
The Robert H. and Ruth E. Powers Scholarship
The James L. Robb Basketball Scholarship
The Bishop Roy H. Short Scholarship
The Mrs. Roy Simmons Scholarship
The M. C. Smith Athletic Scholarship
The Elisabeth Lundy Sterchi Scholarship
The George and Zelma Stewart Scholarship
The Lois K. Stubbs Memorial Scholarship Fund for Foreign Students
The Morris F. Stubbs Scholarship
The H. Olin Troy Scholarship
The Fred D. Watson Ministerial Scholarship
The Benjamin and Jane Webb Memorial Fund
The Della Thacker White Scholarship
The James Bright and Adene Latta Wilson Scholarship

HOW TO APPLY FOR FINANCIAL AID

All applicants for financial aid should:

1. Apply and be accepted for admission to TWC.
2. Complete the TWC Financial Aid application.
3. Complete the College Scholarship Service Financial Aid Form (FAF), which is available from the high school guidance office or the TWC Financial Aid Office.

If help is needed in completing these forms, please contact the Financial Aid office. The deadline for submitting these forms to receive priority consideration is: APRIL 15.

SATISFACTORY PROGRESS STANDARDS

The Higher Education Act of 1965 as amended by Congress in 1986 mandates institutions of higher education to establish minimum standards of "satisfactory progress" for students receiving financial aid. Institutions must establish, publish and apply reasonable standards for measuring whether a student is maintaining satisfactory progress in his/her program of study for each payment period and for each Stafford Loan disbursement. A student who has not successfully completed his/her program within the institution's maximum time frame, is no longer maintaining satisfactory progress and is not eligible to receive Title IV aid.

Quantitative Standards

The maximum enrollment time that a student is eligible to receive financial aid is defined as the equivalent of one and one-half the number of academic semesters, as outlined in the college catalog, required of a full-time student to complete a curriculum. A student must successfully complete 67% of the hours attempted to be maintaining satisfactory progress.

Pell Grant Eligibility

Students who receive Pell Grant for the first time after July 1, 1987, are limited to the full-time equivalent of five years (15 quarters or 10 semesters).

Students who receive Title IV aid for the first time after July 1, 1987, **must,** at the end of his/her second **academic** year (48 hours attempted), have a cumulative 1.80 GPA and a cumulative 2.00 GPA after 90 hours attempted. Recipients falling below these standards are not eligible for financial aid probation.

The following minimum standards must be maintained after each measurable increment, with evaluation made at the end of each semester.

Qualitative Standards: First-time recipients of Title IV aid

Cumulative Hours Attempted	Minimum G.P.A. Maintained
0-19	1.00
20-45	1.50
46-89	1.80
90+	2.00

Policies and Procedures

The following specific policies and procedures are to be used in applying the Satisfactory Progress Standards at Tennessee Wesleyan College.

1. Satisfactory progress will be measured at the end of each semester.
2. Grades of "F", "I", or "W" will not qualify as successful completion of credit hours attempted.
3. Repeated courses for which the student initially received a grade of "I", or "W" and was paid will qualify for payment as per the normal academic procedures as described in the college catalog.
4. Courses taken after requirements for graduation have been met (as approved by the Registrar's Office) are not eligible for payment.
5. A student who fails to demonstrate satisfactory progress as defined will forfeit all financial aid awarded and disbursements will be terminated.

Financial Aid Probation

A student who does not meet the required cumulative grade-point average will be placed on financial aid probation for the following semester.

Removal from probation - A student will be removed from financial aid probation at the end of the next semester if he/she satisfactorily meets the minimum required GPA.

Financial Aid Suspension

1. **Students failing** to meet the minimum standards while on probation will be suspended from receiving financial aid for the following semester.
2. Students with a 0.00 GPA for any semester will be suspended from receiving financial aid for the following semester without a probation period.

Appeal of Financial Aid Termination

A student appealing termination of financial aid may appeal such termination in writing to the Admissions and Academic Status Committee. The appeal should state the reason(s) satisfactory progress was not made and why financial aid should not be terminated.

Reinstatement of Financial Aid

Financial aid will be reinstated on probation status subject to:

1. Meeting the required grade-point average
2. Availability of funds
3. Meeting the requirements of the individual financial aid programs

The Satisfactory Progress Policies as they relate to the financial aid programs are not intended to nor will they replace the academic policies of Tennessee Wesleyan College.

Refund Formula

Courses dropped during the first two weeks of school for students receiving Title IV aid are subject to a refund formula which calculates the amount of refund that must be returned to the Title IV program(s). The refund is allocated among the Title IV programs from which the students received aid with priority to: Perkins, SEOG, Pell, and Stafford Loan.

COSTS

A college education is one of the student's life's major investments which helps to determine the student's career, lifetime values, and the way the student handles the difficult and the unknown.

Tuition and other expenses at TWC are held to the minimum commensurate with providing quality education and a fiscally responsible operation. The tuition and fees paid do not cover the actual cost for the student's education. Grants and gifts received by the College through the generosity of the United Methodist Church, foundations, friends, and others help to reduce the difference between income and costs.

Basic Tuition and Fees

Cost for full-time residential students (12 hrs. or more per semester)

	Per Semester	Academic Year
Tuition	$2,950.00*	$5,900.00*
Room	600.00	1,200.00
Board (7 days a week)	1,010.00	2,020.00
TOTAL	$4,560.00	$9,120.00

*Full-time student taking 12 through 18 hours, no charge for auditing, automobile registration, applied music, laboratories, student teaching, and recitals. Hours over 18 will be charged at the rate of $175.00 per semester hour.

Cost for part-time and summer students

Part-time**	$175.00 per semester hour
Summer**	$175.00 per semester hour

**No additional charge for automobile registration, applied music, recitals, laboratories, student teaching.

Cost for students at off-campus centers	$160.00 per semester hour plus applicable charges.
Cost for Athens Evening School†	$175.00 per semester hour plus applicable charges.

College costs are subject to change.

† Athens day students are not normally considered for entry into Evening School courses. In certain unusual circumstances entry may be considered. All exceptions must be approved by the advisor and Academic Dean.

SPECIAL CHARGES AND DEPOSITS

Filing Charge	$25.00
Damage Deposit (Room)	55.00
Change of Program Charge (adding or dropping after registration)	3.00
Late Registration Charge	25.00
Auditing Charge (non credit), per semester hour	60.00
Graduation Charge	50.00
Transcript Charge	2.00
(First transcript provided at no charge)	
Student Government Association Fee, per semester	45.00
Student ID	3.00
Deferred Payment Charge	30.00
Credit by Examination (per credit hour)	175.00
Intent to Graduate Filing Fee (First form provided at no charge)	5.00
Returned Check Fee	25.00
Testing Fee (each)	25.00

BOOKS AND SUPPLIES

The annual cost of books and supplies ranges from $400 to $450.

Payment of Charges

All charges are due and payable at the time of registration. After 30 days, a finance charge of 1½% on the unpaid balance will be added each month.

Due to the length of the College's summer term, there is no deferred payment plan available. All charges for summer school are due and payable at the time of registration.

Transcripts and grade reports may be withheld for non-payment of financial obligation to the College.

Refunds

Fall and Spring Semesters

Dropped Course—Students dropping a course on or before the last day of the first two weeks of school will be refunded 80% of the charge for the course. For determining the student's entitlement to a refund the first full day of classes is the beginning of the school term. After two weeks no refund will be given for a dropped course.

Withdrawal from School

Room—Pro-rated refund.

Board—Pro-rated refund.

Tuition—Same as for a dropped course above.

NOTE: Students who withdraw during the refund period (first two weeks as defined above) shall forfeit their institutional aid. This aid cannot be used to calculate the refund.

Students withdrawing at any point for health reasons may apply for a pro-rate refund of all charges subject to review and approval by a committee of administrative officers.

Students dismissed for disciplinary reasons receive no refund.

Students withdrawing from school must withdraw through prescribed channels, beginning with the Academic Dean of the College.

Summer Semester

Students withdrawing from summer semester are not eligible for a refund.

Admission to the College

General

Students seeking admission to the college must have graduated from a secondary school approved by a recognized agency. A grade average of "C" or higher is required for admission. It is recommended that students planning to attend TWC complete course work in the following subject areas in high school: 4 units of English, 2 or more units of mathematics, 2 units of biological/natural science, 1 or more units of social studies, 1 unit of U.S. history.

Students who have attained their Graduate Equivalency Diploma (GED) are also considered for admission to the College. These students are asked to interview with the Admissions Review Committee to determine their readiness for enrollment.

The American College Test (ACT) or Scholastic Aptitude Test (SAT) scores are required for Freshman applicants, 21 years of age or under.

No qualified student is ever denied admission because of race, creed, sex, ethnic consideration, or national origin.

Evaluation of Applications

The Admissions Committee evaluates each application submitted in order to determine which students will be accepted for enrollment. Factors considered by the committee include transcript, grade-point average, ACT or SAT scores, class rank, and recommendation comments from a reference person. Applicants who do not meet minimum standards of the college entrance requirements are asked to interview with the Admissions Review Committee in order to assess their readiness for enrollment and any unusual circumstances pertaining to the application.

Freshman Applicants

Freshman applicants must submit a completed application along with a $25 filing fee, an official high school transcript showing GPA, and an ACT or SAT score. A recommendation form completed by the guidance department is also required.

Upon notification of acceptance and prior to enrollment, a TWC medical form must be submitted.

Transfer Students

Transfer students must submit a completed application along with a $25 filing fee (unless a transfer from a United Methodist affiliated junior college), an official transcript of credits from each institution of higher learning which has been attended, and a student recommendation form.

The Admissions Committee reviews all applications received if the student's transfer GPA is below a 2.00 and may request the prospective student to appear for an interview.

Transfer credit will be granted for course work, applicable to a TWC Baccalaureate degree, taken at institutions accredited by the Southern Association of Colleges and Schools (SACS) or similar regional accrediting associations. Course work taken at institutions accredited by other than regional associations will be reviewed on an individual basis for possible transfer credit. TWC accepts the recommendations contained in the current issue of Report of Credit Given by Educational Institutions, a publication of the American Association of Collegiate Registrars and Admissions Officers (AACRAO).

Students who transfer with an A.A. or an A.S. degree from an accredited institution will be considered to have met TWC's All College Requirements with the exception of the Religion and Philosophy courses. Holders of other types of associate degrees will be required to fulfill the ACR requirements outlined in the college catalog.

Students who hold A.A. or A.S. degrees from institutions located in non-English speaking countries and who do not have a TOEFL score of 500 or better at the time of admission to the college, must successfully complete Tennessee Wesleyan's ESL program. After completing the ESL program, students must make a score of 75 or better on the Michigan Test or take E 101, 102 (English Composition) as part of their degree program.

International Students

International students must take the following steps to be considered for admission to Tennessee Wesleyan College:

1. Complete an International Student application for admission. Submit it with a $25 (U.S.) filing fee.
2. The official transcript should be a **certified** translation into English if the native language is other than English.
3. Submit to Tennessee Wesleyan College an official copy of the TOEFL score. This score must be 500 or better to gain regular admission to the college. Students who have TOEFL scores below 500 must register for, and satisfactorily complete, Tennessee Wesleyan's English as a second language course before registering for any degree courses.
4. A Declaration of Financial status **MUST** be on file at Tennessee Wesleyan College. This declaration must be an official document which states that the sponsor has the money to support the applicant while he/she is a student, and it **MUST** also contain his/her assurance that he/she will provide money for schooling.
5. When the Tennessee Wesleyan College Office of Admissions has the complete file of items #1-4, the applicant may then be considered for admission to Tennessee Wesleyan.
6. If transferring from another college in the United States, the applicant must submit the appropriate I-20 transfer forms and meet the college's transfer admissions requirements.
7. The bill for each term must be paid in full at the time of registration.

Non-Degree Students

A non-degree student is one not seeking a degree at TWC at the time of enrollment. Such students are subject to all rules, regulations, and fees governing degree seeking students. There are three non-degree classifications:

Special Student—A student who does not wish to be a candidate for a degree may be admitted as a special student upon presenting satisfactory evidence that he/she is prepared to study the subjects open to him/her.

Temporary Student—A student attending another college or university with permission from that institution to attend TWC for ONE semester (Fall, Spring, or Summer).

Advanced High School Student—A rising senior still attending high school may take courses at TWC for college credit. To be admitted the student must have an outstanding high school record, must be recommended by his/her principal, and must have the written consent of parents or guardian.

How to Apply

As a prospective applicant you are urged to visit the school for a personal interview. Questions about the curriculum, housing, financial aid and other aspects of college life can be discussed on an individual basis. Please let the Admissions Office have advance information on your plan to visit the campus so we can fill all your needs. If you cannot visit the campus, an Admissions Counselor will visit you at your request.

USE THIS CHECKLIST FOR PROCEDURE
(Transfer students see note below*)

1. Complete application form and check information you need.
2. Arrange for your high school transcripts to be sent to us. (A complete transcript must be sent upon graduation.)
3. Submit a letter of recommendation on the form provided in the admissions application packet. Freshmen must submit a recommendation from their high school guidance counselor or principal. Transfer students must submit a recom mendation from the Dean of Students Office at the last college/university attended.
4. Have your SAT or ACT scores sent to us.
5. Enclose $25 with application and mail to:
   Director of Admissions
   Tennessee Wesleyan College
   P.O. Box 40, Athens, TN 37371-0040
   For questions phone: (615) 745-5872, (615) 745-7504.
6. Within two weeks of receipt of your application our office will contact you regarding acceptance.
7. On notice of acceptance, complete and return the Medical Report we send you.

*Transfer Students—Procedure is the same except for Step 2, where you arrange to have official transcripts sent to us from all colleges attended.

Special Students—Follow instructions from the Admissions Office.

The Academic Life

ACADEMIC CLIMATE

Tennessee Wesleyan College offers challenging ways to pursue a liberal education, freeing students to discover who they are and how they might best shape their futures.

The College recognizes that such discoveries are made in ways unique to the individual, and that true intellectual development is part of all-around self development. Throughout their stay at TWC all students are actively involved in their own education.

On entering, students immediately assume the role of decision makers as they choose their first courses. These courses have been designed to go beyond simply answering the instructor's question to the point of stimulating and resolving students' own questions.

As students progress to specialized study in the College, a variety of choices open up in departmental and interdepartmental programs. Together with the advisors, students then plan programs designed to achieve their individual educational goals. These goals not only prepare students for the future but also include the appreciation and comprehension of the present for the enhancement of life here and now.

Because knowledge constantly changes and grows at a rapid pace, the College emphasizes the study of structures rather than the memorization of facts. In the multidisciplinary programs, students can develop systems into which present knowledge can be organized and new knowledge assimilated. Students in such programs are expected to integrate the approaches of two disciplines into a common theme.

In the freshman and sophomore years students have the satisfaction of discovery and understanding. This is achieved through the methods of inquiry characteristic of several academic disciplines. This range of study creates the opportunity for students to identify their individual interests, talents and aspirations early in their academic career. The multidisciplinary programs provide them with the beginnings of that discovery of self which is so necessary in deciding how to best focus their energies and talents. Another major goal is to train students to meet and adapt to changing circumstances.

The learning climate, then, of TWC is one in which:

—learning is accomplished by students and instructors in partnership;

—students develop habits of thought and methods of inquiry;

—students, with instructors, raise questions and formulate answers.

This joint venture, this learning partnership of students and instructors, provides the ideal climate in which thinking together fosters the capacity for self instruction to grow.

Academic Advising

Sound academic advising can make the difference between merely attending a college and getting an education.

As a freshman, students meet their advisor before registering for their first semester. The purpose of this conference is to discuss openly students' academic and professional ambitions, to acquaint them with the academic regulations and requirements of the College, and to help them plan an effective curriculum. Because of the quality of the advising program the College has attained, TWC strongly recommends that all students take full advantage of the knowledge, counsel and—above all—personal concern available from the advisors.

Students retain the same advisor throughout the entire freshman year and beyond until they have declared a major. When a major has been declared to the Academic Dean's office a faculty advisor in the major department will be assigned.

TWC students are considered adults and therefore responsible for being familiar with academic regulations and degree requirements. Students should take the initiative for seeing their advisor.

Major/Advisor Change

Students who wish to change their majors should notify the Academic Dean's office. Advisor changes are made when necessitated by a major change or when a request from a student is deemed appropriate.

The College Library

The value of a college education can be greatly increased with the use of the library. At Tennessee Wesleyan College, the staff of the Merner-Pfeiffer Library will serve academic and personal interests with a wide range of books, periodicals and audio-visuals. Instruction in the use of library resources for both classes and individuals is available.

ACADEMIC POLICIES

Transfer Credit

Transfer credit will be granted for course work, applicable to a TWC baccalaureate degree, taken at institutions accredited by the Southern Association of Colleges and Schools (SACS) or similar regional accrediting associations. Course work taken at institutions accredited by other than regional associations will be reviewed on an individual basis for possible transfer credit. TWC accepts the recommendations contained in the current issue of Report of Credit Given by Educational Institutions, a publication of the American Association of Collegiate Registrars and Admissions Officers (AACRAO).

Students who transfer with an A.A. or an A.S. degree from an accredited institution will be considered to have met TWC's All College Requirements with the exception of the Religion and Philosophy courses.* Holders of other types of associate degrees will be required to fulfill the ACR requirements outlined in the college catalog (please see exception under B.A.S. program).

* Due to the Tennessee State Department of Education's licensure requirements, Associate Degree holders wishing to be licensed to teach will have to make up any deficiencies between their previous college's general education core and the general education core required of students seeking licensure at TWC.

Temporary Attendance at Other Colleges

Students who wish to attend another college after their initial enrollment at TWC, and count that credit toward their graduation at TWC, must have **prior** approval to do so. Permission forms may be picked up in the Registrar's Office and require the signature of the advisor and the Academic Dean. **Reminder:** Courses taken as repeats of TWC courses must be taken at TWC. For more details, see the Repeat section of this catalog.

Attendance of Athens Campus Students at Evening-Campus Sites

Athens day students are not normally considered for entry into Evening School courses. In certain unusual circumstances entry may be considered. Students will require the permission of their advisor and the Academic Dean. Permission forms are

available from the Registrar's Office and must be presented at the time of registration.

Correspondence Work

Tennessee Wesleyan College will accept up to 12 semester hours of correspondence study from a regionally accredited college or university. Acceptance of correspondence study is subject to the following guidelines:

1. After a student's initial registration at TWC, all correspondence work must be approved by the Academic Dean. This approval must be secured before registration in the correspondence study.
2. Approval for correspondence study will not be granted if the student is currently enrolled in 18 or more semester hours.
3. Transfer students who have already completed correspondence study which appears on the transcript of previous work may need to provide original documents of the correspondence study for it to be accepted.
4. Correspondence study may not count towards a student's major or the ACR. Exceptions to this rule must be approved by the Department Chair of the course in question and the Academic Dean.
5. Correspondence study must be completed before the student begins the last 30 hours.
6. No more than 12 semester hours may be counted toward graduation.

Credit and Placement by Examination

Students may earn up to 12 semester hours college credit through the following testing programs:

1. Advanced Placement—credit given for scores of 3 or better, semester hours determined by the test.
2. College-Level Examination (CLEP)—scores above the 50th percentile in subject area tests appropriate to a Bachelor's degree at Tennessee Wesleyan.
3. Proficiency Examination Program—credit awarded is determined by recommendations of the American Council on Education.
4. Proficiency Examinations—credit given for grades of B or better. Subjects are limited to those which lend themselves to the examination/evaluation process. When applying for a proficiency examination, the student must present evidence of having developed the abilities, knowledge, and attitudes expected of those who have taken the course. All examinations must be developed and administered by appropriate faculty and approved by the departmental chairperson and the Academic Dean. A student may take the proficiency examination only once. The cost of the examination is the same as the current semester charge per hour.

Students who have completed Advanced Placement and/or CLEP examinations prior to enrolling at Tennessee Wesleyan should submit official test scores to the Admissions Office for evaluation of credit. Currently enrolled students interested in taking a CLEP Exam(s) should consult their advisor and obtain the approval of the Academic Dean before doing so.

Credit for Non-Collegiate Instruction

There are instances where formal classroom instruction occurs outside the college setting. TWC will **consider** granting up to 12 semester hours credit for such work providing:

1. Formal enrollment and completion documents are presented which include course length and content.
2. The course work is applicable to a Bachelor's degree at TWC.
3. The total credit awarded when combined with correspondence work and credit by examination does not exceed 24 semester hours.

Publications such as "College Credit Recommendations" will be used in determining the awarding of credit for non-collegiate instruction.

Military Credit

Four semester hours' credit in General Physical Education is granted for a minimum of two years' service in the Armed Forces of the United States. Credit may also be awarded for formal service schools based on recommendations from the Office of Educational Credit of the American Council on Education. A copy of the DD214 and service school records will be required before credit can be granted.

Tennessee Wesleyan is a member of Servicemembers Opportunity Colleges (SOC) and ConAp and adheres to all guidelines of these programs.

Classification

Freshman	0-27 semester hours
Sophomore	28-59 semester hours
Junior	60-89 semester hours
Senior	90-above semester hours

The Grading System

Grades are recorded as follows:

A (–)	Indicates work of distinction
B (+ –)	Indicates better than average work
C (+ –)	Indicates average work
D (+ –)	Indicates below average work
F (+ –)	Indicates a failing grade
I	Indicates an incomplete grade
P	Indicates a passing grade
W	Indicates student withdrew without penalty from the course
N/AU	Indicates a course taken for audit only

Note: In the case of students' receiving educational benefits from the Veterans Administration, the period during which a W may be granted is limited to the thirty (30) days immediately following registration for the semester.

Quality Points

4.00 quality points per hour of A
3.66 quality points per hour of A-
3.33 quality points per hour of B+
3.00 quality points per hour of B
2.66 quality points per hour of B-
2.33 quality points per hour of C+
2.00 quality points per hour of C
1.66 quality points per hour of C-
1.33 quality points per hour of D+
1.00 quality points per hour of D
.66 quality points per hour of D-

Note: Grades of P, W, and N do not count in the computation of the student grade point average.

Academic Fresh Start

Academic Fresh Start is a program provided to serious re-entry students whose previous academic work was below average. It allows the dropping of previous college credit for the calculation of grade point average and credit toward graduation. Requirements to be met by a student requesting an Academic Fresh Start toward a baccalaureate degree are:

1. The student must have been separated from **all** academic institutions for at least seven years.

*2. After returning to college, the student must complete at least 12 semester hours of earned graded course work at Tennessee Wesleyan College prior to applying for the Academic Fresh Start.

3. The student must have a GPA of 2.5 or better on all work attempted after returning to college.

4. The student must submit a formal letter of application to the Academic Status and Admissions Committee requesting that an Academic Fresh Start be granted and describing an academic plan including the declaration of a major.

5. B.A.S. students may apply for Academic Fresh Start **only** if their Associate Degree or 60 semester hours of college credit used for admission to the program was earned after being separated from all academic institutions for at least seven years.

Upon the approval of the Academic Status and Admissions Committee, the student will be granted an Academic Fresh Start. It may be granted only once, and once granted, may not be revoked. The student's permanent record will remain a record of **all** work; however, the student will forfeit the use for degree purposes at Tennessee Wesleyan, any college or university credit earned prior to the seven-year separation. The permanent record will show that a Fresh Start was granted and the date of the Fresh Start. The record will also carry the notation, "GPA and credit totals are based only on work beginning with that date."

Recognition of Exceptional Grades

To encourage outstanding scholastic achievement the College issues two lists each semester, the Honors List and the Dean's List. To be eligible for the **Honors List** a student must be registered for 12 or more hours and attain a grade-point average of

at least 3.70 with no grade below B. To be eligible for the **Dean's List** a student must be registered for 12 or more hours and attain a grade-point average of at least 3.40 with no grade below C.

Incomplete Grades

A student may receive a grade of incomplete ("I") if for some reason there is a failure to complete a small portion of the work in a course. In all cases the student must show that the work cannot be completed due to circumstances beyond the student's control.

A grade of "I" must be removed by mid-term of the succeeding term after the student has taken the course. Otherwise the grade will automatically be changed to an "F." Students are to make up examinations at the convenience of the instructors.

In computing the student's average, an incomplete will be considered as an "F" until such time as the incomplete is removed.

Grade Changes

If a student feels that a grade assigned to him/her is not correct, it is the student's responsibility to approach the instructor **no later than midterm of the following semester** for a clarification and explanation of the grade. If indeed the grade was in error, the instructor must file a change of grade form with the Registrar's Office to officially change the grade. All grade changes must be countersigned by the Academic Dean. Grade change requests will not be considered if made later than mid-term of the following semester.

Auditing a Course

Auditing a course is attending class without being required to take examinations and without receiving college credit. A student may audit a course with the written permission of the instructor and the Academic Dean. Permission must be obtained in the order indicated.

A student enrolled in a course for credit who withdraws from the course during the regular withdrawal period may audit the remainder of the course if the instructor agrees to the arrangement and if the student records the intent to audit at the Registrar's Office when dropping the course.

Repeating Courses

Students may repeat courses twice (three total attempts) regardless of the prior grade in the course. The last grade received will be used in computing the cumulative grade-point average. A retaken course will count only once toward graduation requirements. The student's permanent record will show both the original grade for the course and the grade earned when the course was repeated.

If a student is repeating a TWC course for credit for the purpose of erasing the earlier grade under this provision, the repeat must be with a course in class at Tennessee Wesleyan College; it may not be by correspondence, proficiency, special arrangement, or by study at another institution.

Note: Students are reminded that other educational institutions to which the students might transfer, either for additional undergraduate study or for graduate or professional study, are not obligated to calculate the GPA in accord with the manner described above. Students should check with the other institution in order to determine how repeated courses will be treated by that school.

Class Load

A full-time student is one who carries at least 12 credits per semester. A student who carries fewer than 12 credits is classified as a part-time student. Students on academic probation are limited to 14 credits per semester unless an exception is granted by the Academic Dean.

Students may not register for more than 18 credits per semester (or more than nine credits per six-week summer term) without permission from the Academic Dean. A maximum of 21 hours can be carried in any one semester. All hours over 18 are charged at the regular hourly tuition charge (in addition to the full-time tuition charge).

Attendance Policy

Tennessee Wesleyan College considers regular class attendance an essential element of the instructional process and expects students to undertake all courses with this in mind.

Unavoidable absences known about in advance should be explained to the instructors concerned with as much notice as possible. When there is not time for prior notification, students must explain the emergency as soon as possible after the event. In all cases of absense students must make up all missed work and assignments by arrangement with instructors concerned. Depending upon the course, instructors may decide that a particular number of absences, whether unavoidable or not, constitutes a serious weakening of student performance. Instructors with such policies should present them in writing to the students during the first week of classes.

If students unavoidably miss quizzes or tests, they must make up for these within one week of return to class. Failure to comply will adversely affect the final grade.

If students miss a final examination, immediate notification and explanation is imperative. Alternative arrangements must then be made within three days of the missed examination. Failure to comply will almost certainly result in a failure for the course.

Transcripts

Transcript requests must be made through the registrar's office. All requests must be in writing, either on the official transcript request form, available from the registrar, or in memo form with student signature. First transcript copy is free; each additional copy costs $2. If an order is made for more than one copy, the first copy is $2 with succeeding copies $1 each.

The College reserves the right to refuse to release to any student, a transcript, grade report, or diploma for failure to return College property or to pay any accounts due the College.

Registration

All students are expected to complete registration at the time and date announced for registration. Students must complete **all** steps of the registration process, including clearance through the Business Office in order to be officially registered. No student will receive credit for a course in which he/she is not properly registered.

Late Registration

Students who miss regular registration for a legitimate reason may register late for classes within 10 calendar days after the first day of classes. A fee of $25.00 is assessed for late registration. The period for late registration varies for summer terms. Please refer to the summer schedule for these dates.

Add/Drop Procedure

After consulting with their advisors, students may drop or add a course under the following guidelines: Courses may be added through the tenth calendar day from the first day of classes. Courses may be dropped through the 25th day from the first day of classes. During the first 10 days of the semester the student receives no statement on record of courses dropped. Between that time and the 25th day the grade is W. After the 25th day, the grade is F. Students must submit the signed Add/Drop form to the Registrar's Office to complete the process. If a student stops attending class without officially dropping the class, a grade of F will be assigned. The drop/add period varies for summer terms. The summer schedule will list the appropriate dates for drop/add.

Withdrawal

Students finding it necessary to withdraw (completely separate) from the college, must do so officially to maintain good standing and to assure re-admission. During the first 10 calendar days of the semester, a student may withdraw without any notation on his/her record. Through the 25th day, students may withdraw with W's on record. After the 25th day, F's will be assigned unless the withdrawal is due to substantiated illness or emergency. All withdrawals must have the approval of the Academic Dean and clearance from all designated offices. Withdrawal forms are available in the Registrar's office. Students who fail to officially withdraw from the college will receive grades of F for the course work involved. During the summer term, the last day to withdraw with a "W" will be the same as the last day to drop a course. Please refer to the summer schedule for dates.

Disciplinary Suspension

All disciplinary suspensions are handled through the Dean of Students and the appropriate college committees. When a disciplinary suspension occurs during the course of a term, the following rule regarding withdrawal from classes shall apply: If the student is suspended prior to the last day to drop with a grade of W, and completes the proper paperwork in the Registrar's Office, he/she will receive W's for the term. If a student is suspended after the last day to drop for the term, no withdrawal with W's will be processed. The student must simply accept the grades that result from his/her absence from classes.

Cancellation of Scheduled Classes

The right is reserved to cancel any class when the number of students enrolled is deemed insufficient. If cancellation of a class occurs, every attempt will be made to promptly inform the students involved so they may add another class if they desire.

Retention Standards

A cumulative average of C (2.00) is required for graduation. In order to evaluate the continuing progress of students, the following **Retention Standards** have been established:

0-19	1.00 or better
20-45	1.50 or better
46-89	1.80 or better
90 or more	2.00 or better

Probation

A student who fails to meet Retention Standards during any semester **or** who has a grade-point average of below 1.00 for the current semester will be placed on probation for the subsequent semester. A letter indicating the probationary status will

be sent to the student. Students on probation will be limited to 14 semester hours unless the Academic Dean authorizes an exception. Students placed on probation for two consecutive semesters will be suspended.

Academic Suspension

Any student whose previous semester's average is below 1.00 will be automatically reviewed at the end of the following semester. In this subsequent semester, the student must bring his/her total grade-point average up to **retention standards or** obtain a minimum 2.00 grade-point average for the semester. If this progress is not made, the student will be subject to suspension regardless of the number of semesters he has been on probation.

Students who fail to meet **Retention Standards** will be placed on probation or suspension as deemed appropriate by the Academic Review Committee.

After the first suspension, a student must sit out a full semester (exclusive of summer school). The second suspension requires that the student sit out one academic year (exclusive of summer school). The third suspension results in dismissal from the college.

DEGREES

Tennessee Wesleyan offers the following degree programs in Arts, Science, Music Education, and Applied Science.

Bachelor of Arts with majors in Behavioral Science, English/Mass Communications, English, History, Mathematics, Music, Pre-Seminary, and Psychology.

Bachelor of Science with majors in Biology, Business Administration with emphases in Accounting, Aviation Management, Computer Information Systems, and Management/Human Resources, Chemistry, Church Vocations, English, General Science/Biology, General Science/Chemistry, History, Human Learning, Human Services, Mathematics, Physical Education, Social Science, and Interdisciplinary Studies.

Bachelor of Music Education with majors in Church Music and Music.

Bachelor of Applied Science with a major in Business Administration and emphases in Accounting, Management, and Human Resources Management.

This degree option extends educational opportunities for baccalaureate study for holders of Associate Degrees. B.A.S. students are exempt from the All College Requirements with the exception of the six-hour religion and philosophy requirement. The B.A.S. program is available at TWC's off-campus sites: Chattanooga, Knoxville, and Oak Ridge and at the Athen's campus Evening program. The B.A.S. Degree is the only degree offered at the off-campus sites.

General Degree Requirements

1. Complete at least 128 semester hours of academic work of which 28 hours must be at the 300-400 level.
2. Complete the ACR requirements.
3. Maintain a 2.00 cumulative grade-point average overall and on all TWC work.
4. Complete a major area of study as described in this catalog with a minimum grade-point average of 2.00. In obtaining the grade-point average in the major, all courses taken in the major field are included.
5. Successfully complete the English Proficiency Examination.
6. Complete the last 30 semester hours at Tennessee Wesleyan College.
7. No more than 64 semester hours may be transferred from a two-year institution unless the excess hours are required in an Associate Degree program in which case a maximum of 73 semester hours may be considered.

8. A student wishing to receive a second major within the same degree program must complete all the requirements for both majors. One diploma will be issued but both majors will be noted on the permanent record.
9. A student wishing two majors that will require two degrees must complete all requirements for both degrees and must complete a total of 156 semester hours.
10. A student who has already earned a bachelor's degree, either from another college or from Tennessee Wesleyan College, must complete the requirements for a second degree or major as stated in the current catalog and in the case of a second degree, must complete the total of 156 semester hours. The ACR requirement will be waived for the holders of B.A. and B.S. degrees from accredited colleges except that the six semester hours of Religion and Philosophy must be included.
11. A student may always choose to graduate under the requirements of the current catalog. The catalog under which the student entered may be chosen provided 1) he or she has not dropped out or been suspended and 2) no more than five calendar years have elapsed.
12. A student must **complete** a formal application for graduation by the first day of Spring semester for May or August graduation. Students are encouraged to make application for graduation during the Spring semester of their junior year.
13. Incomplete work must be completed by the last day of senior finals or graduation will be delayed until the next commencement.

Additional Requirements for the Bachelor of Arts

Those students seeking the B.A. degree will be required to take an additional 12 semester hours from the following areas: art, literature, history, music, philosophy, religion, theater, and foreign language. Courses applicable to the student's major or the ACR cannot be counted in fulfilling this requirement. Students should consult their advisors to determine which of the following courses are the most appropriate for them.

1. All English courses except 101, 102, 211, 308
2. All courses in foreign language
3. A 201, 341, 342
4. MU 207, 208, 314, 315
5. TH 104
6. All religion except R 325, 327
7. All philosophy courses
8. All history courses

Additional B.A.S. Degree Requirements

1. **Completion** of all the General Degree Requirements listed above with the exception of numbers 2 and 5.
2. Completion of six hours of religion and philosophy.
3. Completion of a course in Business Communications at Tennessee Wesleyan.

English Proficiency Examination

Successful performance on the English Proficiency Examination is required of all students as a condition of graduation. (Exception is made for B.A.S. candidates.) This examination, given each semester, should be attempted by the student during the first semester of the junior year and, if necessary, repeated each semester until a passing grade is achieved. The examination consists of an essay on an assigned subject. The English Department provides a writing laboratory for those needing assistance in preparation for the examination. The College will not accept the scores on English Proficiency Tests from other institutions of higher learning.

GPA Requirements for Graduation

A minimum grade-point average of 2.00 (on a 4.00 scale) is required overall, in all work at TWC, and in the major and minor fields. In obtaining the grade-point average in the major, all courses taken in the major field are included.

Class Rank

A student may obtain his/her class scholastic rank from the Registrar's Office following graduation. August graduates are not included in the May ranking.

Testing as a Degree Requirement

Any or all students may be required to take one or more tests designed to measure general education achievement and/or achievement in selected major areas as a prerequisite to graduation, for the purpose of evaluation of academic programs. Unless otherwise provided for in any individual program, no minimum score or level of achievement is required for graduation. Participation in testing may be required for all students, for students in selected programs, and for students selected on a sample basis.

Developmental Studies

Based upon test results, students may be required to take one or more developmental courses in mathematics and writing. Developmental courses count toward hours needed for full-time enrollment but will not count as credit toward graduation.

All entering freshmen and those transfer students who have not completed the All College Requirements for mathematics and/or English will be administered a screening/placement test prior to enrollment in courses in these departments. Based upon the results of this test and other pertinent factors such as ACT/SAT scores, high school courses completed, and GPA, students may be required to complete one or more developmental courses.

Students who are required to take DSM 091 (Essential Math I) must successfully complete it and DSM 092 (Essential Math II) before registering for other mathematics courses.

Students who are required to take DSW 090 (Developmental Writing) must successfully complete it before registering for E101.

Graduating with Honors

Beginning with the graduation class of 1988, the following cumulative averages are required for graduation with honors:

Summa Cum Laude 3.80
Magna Cum Laude 3.60
Cum Laude 3.40

If the student is a transfer, he/she is eligible for honors provided he/she meets the College's regulations of one year's residency and 30 semester hours. He/she must maintain, however, the average required for the expected honor on all work attempted at TWC.

Students with a D or F on record (even if repeated with a higher grade) are not eligible for Summa or Magna Cum Laude. Those students with a GPA of 3.60 or higher who have a D or F on record would graduate Cum Laude.

Graduation Ceremony/Fee

TWC holds one commencement exercise per year at the end of the Spring semester. All graduates for that academic year—December, May and August, are expected to participate in the ceremony unless excused by the Academic Dean.

A $50.00 graduation fee is assessed all graduates whether they participate in the ceremony or graduate in absentia.

The college reserves the right to hold all diplomas and transcripts of students who have obligations of any kind to the College.

ALL COLLEGE REQUIREMENTS (ACR)

The College believes that it is important for all students to have broad learning experiences to become truly educated. To this end, the College has developed a program which provides breadth and depth of experiences. This "core" of courses is required of all graduates of the college with the following exceptions:

1. Holders of A.A. or A.S. degrees from accredited colleges are considered to have met the ACR requirement, with the exception of the Religion/Philosophy requirement.*
2. Majors in English (B.S.), History (B.S.), and Music (B.M.Ed.) must complete the Enhanced ACR II.
3. Students who wish to be licensed to teach, regardless of major, must complete either the Enhanced ACR I or II. Please refer to the majors for complete details. The Enhanced ACRs are listed on the following page.
4. Students seeking the B.A.S. Degree at TWC are exempt from the ACR with the exception of the Religion/Philosophy requirement.

Basic Skills (12 s.h.)	
Freshman Orientation	1 s.h.
(Required of all new Freshmen and transfer students with less than 30 s.h.)	
Freshman Composition	6 s.h.
Speech (to be chosen from SP 101 or 204)	3 s.h.
Physical Education Activities (two courses)	2 s.h.
Fine Arts (3 s.h.)	
Art 201, 341 or 342	
Music 207, 208, or any ensemble or applied music	
Theater 104	3 s.h.
Humanities (12 s.h.)	
Literature (any literature except E 312, 313, and 485)	3 s.h.
Literature or Foreign Language (also includes E 321, 322)	3 s.h.
Religion (except R 325, 327)	3 s.h.
Religion (any upper division except R 325, 327) **or** Philosophy	3 s.h.
Mathematics (6 s.h.)	
Any Math Courses (except DSM 091 and DSM 092)	6 s.h.
Science	
Any Biological or Physical Science Sequence	8 s.h.
Social and Behavioral Science (9 s.h.)	
U.S. History or Western Heritage Sequence	6 s.h.
Economics, Geography, Psychology or Sociology	3 s.h.
Total	49-50 s.h.

* Due to the Tennessee State Department of Education's licensure requirements, Associate Degree holders wishing to be licensed to teach will have to make up any deficiencies between their previous college's general education core and the general education core required of students seeking licensure at TWC.

Students who hold A.A. or A.S. degrees from institutions located in non-English speaking countries and who do not have a TOEFL score of 500 or better at the time of admission to the college, must successfully complete Tennessee Wesleyan's ESL program. After completing the ESL program, students must make a score of 75 or better on the Michigan Test or take E 101, 102 (English Composition) as part of their degree program.

ENHANCED ALL COLLEGE REQUIREMENTS I

Required for majors in Human Learning and Interdisciplinary Studies who wish to be licensed to teach.

Freshman Orientation (Required of all new Freshmen and transfer students with less than 30 s.h.)	1 s.h.
Freshman Composition E 101, 102	6 s.h.
Introduction to Speech SP 101	3 s.h.
Activities for Children PE 308	3 s.h.
Health Sciences HE 375	3 s.h.
The Creative Process in Art and Music MU 208	3 s.h.
Literature (Any World, American, or British except E 485)	6 s.h.
Religion	3 s.h.
Introduction to Philosophy PH 100	3 s.h.
College Algebra and Finite Mathematics M 121, 122 or Precalculus Mathematics M 141, 142	6 s.h.
Biological Concepts B 101 or B 102 or General Biology B 111 or B 112	4 s.h.
Physical Science P 132	4 s.h.
Behavioral Science (to be chosen from PY or SO)	3 s.h.
History of the United States H 204, 205	6 s.h.
World Geography H 107 or H 108	3 s.h.
Introduction to Applications CS 218 or any Applications Course	3 s.h.
	60 s.h.

ENHANCED ALL COLLEGE REQUIREMENTS II

Required for the B.S. in History and English, the B.M.Ed. in Music, and for those who wish to be licensed to teach in General Science/Biology, General Science/Chemistry, Mathematics, Physical Education, and Social Science.

Freshman Orientation (Required of all new Freshmen and transfer students with less than 30 s.h.)	1 s.h.
Freshman Composition E 101, 102	6 s.h.
Introduction to Speech SP 101	3 s.h.
College Algebra and Finite Mathematics M 121, 122 or Precalculus Mathematics M 141, 142 or Calculus M 281, 282	6-8 s.h.
Western Heritage H 101, 102 and Political Science PS 101 or PS 102 OR History of the United States H 204, 205	6-9 s.h.
Any Literature Courses except E 312, 313, 321, 322, or 485	6 s.h.
Biological Concepts B 101, 102 or General Biology B 111, 112 or Physical Science P 131, 132	8 s.h.
Any religion course except R 325 or 327	3 s.h.
Introduction to Philosophy PH 100	3 s.h.
Physical Education Activities	2 s.h.
Fine Arts (See General ACR for specific courses)	3 s.h.
Social/Behavioral Science (EC, PY, or SO)	3 s.h.
World Geography H 107 or H 108	3 s.h.
Introduction to Applications CS 218 or any Applications Course	3 s.h.
	56-61 s.h.

THE MAJORS PROGRAMS

Behavioral Science

The B.A. degree in Behavioral Science provides a general understanding of human behavior. It serves as pre-professional preparation and is especially useful to those students intending to continue their studies in Sociology, Social Work, or related discipline at the graduate level.

Requirements for the B.A. in Behavioral Science

A major in Behavioral Science leading to the B.A. degree requires 30 semester hours distributed as follows:

PY 101	Introduction to Psychology	3 s.h.
SO 101	Introduction to Sociology	3 s.h.
SO 203	Cultural Anthropology	3 s.h.
PY/SO 270	Social Research Methods	3 s.h.
PY/SO	Psychology and Sociology electives (must include 9 s.h. at the 300-400 level)	18 s.h.

Biology

The major in Biology seeks to provide students with a sound introduction to the fundamental principles of biology, and enhance their understanding and appreciation of the diversity and complexity of living things. The Department of Biology offers courses that prepare students for graduate study in biology, as teachers of biology, as biologists in governmental and industrial employment, and for advanced professional courses in medicine, dentistry, nursing, physical therapy, and medical technology.

Requirements for the B.S. in Biology

The major in Biology requires 30 semester hours in biology courses including:

B 111, 112	*General Biology I, II	8 s.h.
B 270	Principles of Genetics	3 s.h.
B 284	Comparative Anatomy	4 s.h.
or B 371	Biology of the Vertebrates	
or B 470	Invertebrate Zoology	
B 301	Morphology of Non-Vascular Plants	4 s.h.
or B 302	Morphology of Vascular Plants	
or B 403	Plant Taxonomy	
B 362	Cellular Physiology	3 s.h.
B 365	General Microbiology	4 s.h.
B 465	Principles of Ecology	4 s.h.

Additional requirements for the major in Biology are:

C	Chemistry	12 s.h.
M 141, 142	Precalculus Mathematics I, II	6 s.h.
CS 221	BASIC Programming	3 s.h.
or CS 224	FORTRAN Programming	

*Students with two or more years of high school biology may, with the approval of the Departmental Chairman, elect to take 8 hours of advanced courses in lieu of B 111 and B 112.

Requirements for the B.S. in General Science/Biology

This major provides students with a sound introduction to the fundamental principles of biology, and enhances their understanding and appreciation of the diversity and complexity of living things.

The person electing this major could be licensed to teach science in grades 7-8 and biology in grades 9-12.

This major requires 51 s.h. of course work as follows:

B 111, 112	General Biology	8 s.h.
B 225	Scientific Terminology	2 s.h.
B 270	Genetics	3 s.h.
B 301	Morphology of Non-Vascular Plants	
or B 302	Morphology of Vascular Plants	
or B 403	Plant Taxonomy	4 s.h.
B 362	Cellular Physiology	3 s.h.
B 365	General Microbiology	4 s.h.
B 371	Biology of the Vertebrates	
or B 470	Invertebrate Zoology	4 s.h.
B 465	Principles of Ecology	4 s.h.
C 101, 102	General Chemistry	8 s.h.
P 131, 132	Physical Science	8 s.h.
CS 221 or 224	BASIC or FORTRAN Programming	3 s.h.

In addition, students wishing to be licensed to teach must complete the Enhanced ACR II, 24 semester hours of professional education courses and 15 semester hours of student teaching. CS 221 (Basic) or CS 224 (Fortran) can be used to fulfill the CS 218 requirement in the ACR II.

Requirements for a minor in Biology

B 111, 112	General Biology I, II	8 s.h.
B	Any additional 12 hours in Biology	12 s.h.

Gulf Coast Research Laboratory

Tennessee Wesleyan College is an affiliate of the Gulf Coast Research Laboratory located in Ocean Springs, Mississippi. Marine Biology courses may be taken at the Station during the summer and the credits transferred to Tennessee Wesleyan. Summer course offerings are listed on page 65.

Business Administration

This program is designed to combine an intensive exposure to the fundamentals of business administration. All students are required to complete the core of 36 semester hours and at least one area of emphasis. Additional areas of emphasis, while broadening the student's exposure, **may** result in hours in excess of 128 being required to graduate.

A minor in Business Administration is available to majors outside the Business Administration area.

Requirements for the B.S. in Business Administration

Core Requirements:

BA 201, 202	Principles of Accounting I, II	6 s.h.
BA/CS 218	Introduction to Applications	3 s.h.
BA 221	Legal Environment of Business	3 s.h.
BA 315	Business Communications	3 s.h.
BA 321	Principles of Management	3 s.h.
BA 410	Business Policy	3 s.h.
EC 201, 202	Principles of Economics I, II	6 s.h.
EC 430	Managerial Finance	3 s.h.
M 301, 302	Elementary Statistics I, II	6 s.h.

Accounting Emphasis:

BA 301,302	Intermediate Accounting I, II	6 s.h.
BA 401	Cost Accounting	3 s.h.
BA 403	Auditing	3 s.h.
BA 404	Tax Accounting	3 s.h.
BA 408	Accounting Systems	3 s.h.
BA 440	Advanced Accounting	3 s.h.

Aviation Management Emphasis:

AV 110	Aviation History	3 s.h.
AV 120	Theory of Flight and Performance	3 s.h.
AV 210	Aviation Weather and Navigation	3 s.h.
AV 301	Aviation Law and Safety	3 s.h.
AV 401	Aviation Transportation	3 s.h.
AV 407	Aviation Internship	3 s.h.

Although TWC does not offer flight instruction, it is available at the local airport. TWC will grant 3 s.h. of credit for each of the following flight licenses obtained: Private, Instrument, and Commercial.

Computer Information Systems Emphasis:

CS 220	Introduction to Programming	3 s.h.
CS 221	BASIC Programming	
or CS 222	C Programming	
or CS 223	COBOL Programming	
or CS 224	FORTRAN Programming	3 s.h.

CS 242	Introduction to Spreadsheets	3 s.h.
CS 243	Introduction to Database	3 s.h.
CS 361	Operating Systems/Networks/Data Communication	3 s.h.
CS 481	Systems Analysis	3 s.h.

Management/Human Resources Emphasis:

BA 322	Operations Management	3 s.h.
BA 331	Industrial Relations	3 s.h.
BA 351	Marketing Management	3 s.h.
BA 355	Concepts of Organizational Behavior	3 s.h.
BA 421	Human Resource Management	3 s.h.
BA 431	Human Resource Planning and Development	3 s.h.

Emphasis Areas for Off-Campus/Evening Programs*
(Core rquirements remain the same)

Accounting Emphasis:

BA 301, 302	Intermediate Accounting I, II	6 s.h.
BA 401	Cost Accounting	3 s.h.
BA 403	Auditing	3 s.h.
BA 404	Tax Accounting	3 s.h.
BA 408	Accounting Systems	3 s.h.
BA 440	Advanced Accounting	3 s.h.

General Management Emphasis:

BA 322	Operations Management	3 s.h.
BA 351	Marketing Management	3 s.h.
BA 355	Concepts of Organizational Behavior	3 s.h.
BA 420	Supervisory Management	3 s.h.
BA 421	Human Resources Management	3 s.h.
BA 422	Office Management	3 s.h.

Human Resource Management Emphasis:

BA/PY 310	Psychological Applications for Business	3 s.h.
BA 331	Industrial Relations	3 s.h.
BA 420	Supervisory Management	3 s.h.
BA 421	Human Resources Management	3 s.h.
BA 431	Human Resources Planning and Development	3 s.h.
BA 470	Personnel Law	3 s.h.

* In addition to the core and emphasis, 3 s.h. of Religion and PH 200 are required.

Requirements for a minor in Business Administration

BA 201, EC 201, BA 321, BA 218, plus 3 s.h. from: BA 202, EC 202, or any other 300-400 level BA/CS/EC course.

Chemistry

As a major in Chemistry, the student is afforded a variety of options upon graduation, as witnessed by what recent graduates are now doing.

Many go directly into professional life as employees of private industry or governmental agencies in jobs as varied as secondary school teacher, laboratory scientist or supervisor, government inspector, plant production, and research associate. The student may find the background equally acceptable as qualification for entrance into medical school, dental school, graduate school in chemistry, biology, or chemical engineering. Thus the thrust of the Department of Chemistry is to educate the student for a profession of his/her choice.

While the principal goal of the department is to impart scientific competence, the relationship of science (and its methodology) to society as a whole is stressed as well.

Requirements for the B.S. in Chemistry

The major in Chemistry requires the successful completion of 37 semester hours in Chemistry, 8 semester hours in Physics, 3 semester hours in Computer Information Systems and 8 semester hours in Calculus.

Required courses are as follows:

C 101, 102	General Chemistry I, II	8 s.h.
C 201, 202	Organic Chemistry I, II	8 s.h.
C 331	Quantitative Analysis	5 s.h.
C 333	Instrumental Analysis	5 s.h.
C 431, 432	Physical Chemistry I, II	8 s.h.
C 490	Independent Study of Topics	3 s.h.
P 211, 212	General Physics I, II	8 s.h.
CS 224 or 221	FORTRAN or BASIC Programming	3 s.h.
M 281, 282	Calculus I, II	8 s.h.

Requirements for the B.S. in General Science/Chemistry

The person electing this major could be licensed to teach science in grades 7-8 and chemistry in grades 9-12.

C 101, 102	General Chemistry I, II	8 s.h.
C 201, 202	Organic Chemistry I, II	8 s.h.
C 331	Quantitative Analysis	5 s.h.
C 333	Instrumental Analysis	5 s.h.
C 351	Coordination Chemistry	3 s.h.
B 111, 112	General Biology I, II	8 s.h.
B 465	Principles of Ecology	4 s.h.
P 131, 132	Physical Science I, II	8 s.h.
M 141, 142	Pre-Calculus Mathematics I, II	6 s.h.
CS 221or 224	BASIC or FORTRAN Programming	3 s.h.

In addition, those students wishing to be licensed to teach must complete the Enhanced ACR II, 24 semester hours of professional education and 15 semester hours of student teaching.

CS 221 (BASIC) **or** CS 224 (FORTRAN) may by used as a substitution for CS 218 in the Enhanced ACR II.

Requirements for a minor in Chemistry

C 101, 102 and any additional 12 semester hours in Chemistry.

Education

The Education Department at Tennessee Wesleyan College is dedicated to the preparation of teachers of excellence. The Teacher Education Program provides the necessary conditions for a cooperative program which combines high quality instruction on campus with the active resources of the local school systems. Course work on campus is complemented by early and frequent experiences in local schools. A mentoring program which enables prospective teachers to interact with experienced teachers in the field is provided throughout the teacher training experience.

Both on the campus and in the field, students are encouraged to consider the possibility of teaching as a career. In order to advise and encourage teacher candidates, a concerted effort is made by all the disciplines of the college, not just in the Education Department. Mentors and cooperating teachers in the field are experienced educational leaders who work with the Education Department to create the best possible conditions for a decision about a career in education.

The college in partnership with the local school systems has established a Teacher Center which provides further opportunities for prospective and experienced teachers to work together and to learn from each other.

Admission Requirements for the Teacher Education Program

Upon meeting the admission requirements of the college the student receives "provisional" admission to the Teacher Education Program. To gain formal admission to the program the student must:

1. **Take Orientation to Education, ED 100.** As part of this course, each student will be required to begin a file which will include a log of their field experiences, an evaluation from the cooperating teacher during the field experience, and an application to the Teacher Education Program. If the student is undecided about declaring an Education major at the end of the Orientation course, the student may take ED 101, Foundations and Curriculum Development, and/or ED 201, Educational Psychology, before making the final decision to declare the major.

2. **Pass all sections of the PPST** (Preprofessional Skills Test). Current passing scores for the PPST are: 169 Reading, 169 Mathematics, and 172 Writing. A student is exempt from the PPST requirement if a composite score of 21 or above was attained on the ACT or 22 or above on the Enhanced ACT **OR** a combined verbal and mathematics score of 990 was attained on the SAT **OR** a Bachelor's Degree has already been earned.

3. **Have a grade-point average of 2.50** overall, in Professional Education, and in the major field of study.

The student must be accepted into the Teacher Education Program and have completed ED 100, ED 101 and ED 201 prior to taking any methods courses. A Teacher Education Committee of three, composed of Education department and major content area professors, will be assigned to each student who applies to the Teacher Education Program. This committee will review the student's application and make a recommendation about acceptance based on the criteria above. The committee will also act as mentors for the student during his/her course of study, and will determine approval of the student for student teaching.

Student Teaching

In order for a student to be approved for student teaching by his/her Teacher Education Committee, the student must be in good standing in the Teacher Education Program and have a 2.50 grade-point average overall, in Professional Education, and in the major. Effective with entering freshmen in the Fall of 1993, all students in the program must repeat D's and F's in Professional Education and major field of study courses.

A Declaration of Intent to Student Teach must be filed with the Education Department one semester prior to student teaching. October 1st is the deadline for spring student teachers. March 1st is the deadline for fall student teachers. Placement will be made by the end of November prior to spring student teaching and by the end of April for fall student teachers. Student teachers will report to their schools on the first day of the assigned school's term and will have a fifteen week experience. To augment the student's Teacher Education Committee on campus, student teachers will be assigned a mentor and two cooperating teachers within each school where they student teach. The student teaching experience will include two different teaching assignments which include two different schools.

All student teachers are required to attend a weekly seminar. Prospective student teachers are required to attend the last student teaching seminar of the semester prior to their experience. Student teachers are not allowed to take courses other than the student teaching seminar during the semester of student teaching.

Student teaching manuals are available through the college. All policies concerning student teaching are listed in the manual and are based on current State Department Requirements.

At the end of the student teaching experience, successful candidates will be recommended by the college for licensure. Licensure procedures will be discussed and completed during the student teaching seminar. Candidates must achieve passing scores on the Communications Skills and General Knowledge sections of the National Teacher's Examination Core Battery and on the appropriate Specialty Area Test on the NTE.

Application for the NTE may be obtained through the department. Students may take the exam before or during the student teaching experience but must have completed all sections in order to apply for licensure.

Licensure requirements among the many areas of secondary and elementary education will change, effective in April, 1994. Those students who entered as freshmen in the Fall of 1990 are categorized under the new majors of Human Learning (Grades K-4), Interdisciplinary Studies (Grades 5-8) or as secondary majors (Grades K-12 and 7-12). Those students who entered under the old program either as elementary or secondary majors, must complete the course of study and student teaching by December, 1993.

Professional Education Cores

Elementary Grades K-8

ED 100	Orientation to Teaching	2 s.h.
ED 101	Foundations of Education and Curriculum Development	3 s.h.
ED 201	Educational Psychology	3 s.h.
ED 320	Survey of Exceptional Children	2 s.h.
ED 330	Classroom Management	2 s.h.
ED 328	Teaching Science Grades K-8	2 s.h.
ED 329	Teaching Social Studies Grades K-8	2 s.h.
ED 353	Teaching Mathematics Grades K-8	2 s.h.
ED 426	Teaching Language Arts Grades K-8	2 s.h.
ED 427	Teaching Reading Grades K-8	2 s.h.
ED 430	Diagnosing Reading Problems	2 s.h.
ED 322	Concentrated Child Study	2 s.h.
ED 433	Methods of Teaching in Kindergarten	2 s.h.
		28 s.h.

Elementary Grades 1-8

ED 100	Orientation to Teaching	2 s.h.
ED 101	Foundations of Education and Curriculum Development	3 s.h.
ED 201	Educational Psychology	3 s.h.
ED 320	Survey of Exceptional Children	2 s.h.
ED 330	Classroom Management	2 s.h.
ED 328	Teaching Science Grades K-8	2 s.h.
ED 329	Teaching Social Studies Grades K-8	2 s.h.
ED 353	Teaching Mathematics Grades K-8	2 s.h.
ED 426	Teaching Language Arts Grades K-8	2 s.h.
ED 427	Teaching Reading Grades K-8	2 s.h.
ED 430	Diagnosing Reading Problems	2 s.h.
		24 s.h.

Secondary Grades 7-12

ED 100	Orientation to Teaching	2 s.h.
ED 101	Foundations of Education and Curriculum Development	3 s.h.
ED 201	Educational Psychology	3 s.h.
ED 254	Practicum in Secondary Education	1 s.h.
ED 320	Survey of Exceptional Children	2 s.h.
ED 323	Measurement and Evaluation	3 s.h.
ED 330	Classroom Management	2 s.h.
ED 354	Practicum in Secondary Education	1 s.h.
ED 355	Reading in the Content Area	3 s.h.
ED 454	Methods of Teaching Grades 7-12	3 s.h.
ED 454p	Practicum Grades 7-12	1 s.h.
		24 s.h.

Music Majors Grades K-12

ED 100	Orientation to Teaching	2 s.h.
ED 101	Foundations of Education and Curriculum Development	3 s.h.
ED 201	Educational Psychology	3 s.h.
ED 320	Survey of Exceptional Children	2 s.h.
ED 355	Reading in the Content Area	3 s.h.
MU 329	Methods and Materials for Teaching Music in the Elementary School	3 s.h.
MU 332	Methods and Materials for Teaching Music in the Secondary School	3 s.h.
		19 s.h.

Physical Education Majors Grades K-12

ED 100	Orientation to Teaching	2 s.h.
ED 101	Foundations of Education and Curriculum Development	3 s.h.
ED 201	Educational Psychology	3 s.h.
ED 330	Classroom Management	2 s.h.
ED 355	Reading in the Content Area	3 s.h.
		13 s.h.

Student Teaching: 15 s.h.

Student teachers will spend at least 15 weeks in full day classroom teaching experiences. The experiences may be at one, two, or three grade levels and possibly schools, depending on the grade span for which licensure is desired.

English

The program of the English department emphasizes development of skills in written communication, enhancement of sensitivity to the use of language, and growth in aesthetic appreciation of literature. Three majors are available, a B.A. in English, a B.A. in English with an emphasis in Mass Communications and a B.S. in English.

Requirements for the B.A. in English

The major in English consists of 40 semester hours distributed as follows:

E 101, 102	Freshman Composition I, II	6 s.h.
E 201, 202	Masterpieces of World Literature I, II	6 s.h.
E 321	History of the English Language	3 s.h.
E 351	Readings in Shakespeare	3 s.h.
E 391	Advanced Composition	3 s.h.
E 430 or E 440	Chaucer or Milton	3 s.h.
E 485	British Seminar for English Majors	3 s.h.
E	British Literature	
	One additional period or genre course	3 s.h.
E	American Literature	
	One additional period or genre course	3 s.h.
	Foreign Language	6 s.h.

Requirements for the B.S. in English

The person choosing this major could be licensed to teach English in grades 7-12. This major requires the completion of the Enhanced ACR II and the following:

E 201, 202	World Literature I, II	6 s.h.
E 308r	School Publication Workshop	2 s.h.
E 313	Books and Materials for Adolescents	3 s.h.
E 321	History of the English Language	3 s.h.
E 322	English Grammar and Usage	3 s.h.
E 351	Readings in Shakespeare	3 s.h.
E 391	Advanced Composition	3 s.h.
E 330, 331, 332, 333, 334, 335, 410	British Literature	3 s.h.
E 340, 342, 410	American Literature	3 s.h.
E 430 or 440	Chaucer or Milton	3 s.h.
E 485	British Seminar for English Majors	3 s.h.
ED 430	Diagnosing Reading Problems	2 s.h.
	Foreign Language	6 s.h.

In addition, those students wishing to be licensed to teach must complete 24 semester hours of professional education courses and 15 semester hours of student teaching.

Requirements for the B.A. in English with an Emphasis in Mass Communications

E 101, 102	English Composition	6 s.h.
E 201, 202	World Literature	6 s.h.
E/MC 250	Journalistic Writing	3 s.h.
E 270r	Creative Writing	3 s.h.
E 308r	School Publications Workshop	1 s.h.
E 321	History of the English Language	3 s.h.
E 351	Readings in Shakespeare	3 s.h.
E 391	Advanced Composition	3 s.h.
E 430 or 440	Chaucer or Milton	3 s.h.
E 485	British Seminar for English Majors	3 s.h.
MC 101	Introduction to Journalism/Mass Communications	3 s.h.
MC 301, 302, 303	Practicum in Mass Communications	3 s.h.
MC 311	Public Relations/Writing for Broadcasting and Print	3 s.h.
MC 450	Mass Communications Law	3 s.h.
MC 460	Internship	3 s.h.
Language	Foreign Language	6 s.h.
SP 101	Introduction to Speech	3 s.h.
CS 218	Introduction to Computer Applications	3 s.h.

Requirements for a minor in English

E 101, 102; E 201, 202; E 351r and six additional semester hours at the 300-400 level or from approved topics courses.

Requirements for a Minor in Mass Communications

MC 101	Introduction to Journalism/Mass Communications	3 s.h.
MC 301, 302, 303	Practicum in Mass Communications	3 s.h.
MC 311	Public Relations/Writing for Broadcasting and Print	3 s.h.
MC 450	Mass Communications Law	3 s.h.
MC 460	Internship	3 s.h.
E/MC 250	Journalistic Writing	3 s.h.
E 270r	Creative Writing	3 s.h.
E 308r	School Publications Workshop	1 s.h.
CS 218	Introduction to Computer Applications	3 s.h.

Speech and Theater

All Speech and Theater classes at Tennessee Wesleyan College are designed to emphasize the relationship of quality communication and successful interaction between individuals. Specifically, Introduction to Speech, Business Speaking and Voice Science/Oral Interpretation are dedicated to excellence in public speaking. Group Discussion and Persuasion are organized to assist Business Majors as they identify the unique character of communications in the business environment. Introduction to Theater and Directing present religious leaders and English Majors with an opportunity to familiarize themselves with methods and techniques that are necessary for the successful staging of a dramatic presentation in the public school, church or community.

Requirements for the minor in Speech and Theater

A minor in Speech and Theater requires the following 17 hours:

SP 101	Introduction to Speech	3 s.h.
or SP 204	Business Speaking	
SP 201	Voice Science/Oral Interpretation	3 s.h.
SP 301	Group Discussion	3 s.h.
SP 303	Persuasion	3 s.h.
TH 104	Introduction to Theater	3 s.h.
TH 408	Directing	2 s.h.

Health, Physical Education and Recreation

In a society where leisure time pursuits are becoming increasingly more important, regular participation in physical activities will meet individual present and future needs. The major of Physical Education at TWC integrates participation in physical activities with the science of human movement, methods and technique. Preparation in health and/or physical education may lead to future employment in teaching, coaching, public or church recreation, physical therapy, youth agency work, or others. The opportunity to participate in sports, both intramural and intercollegiate, enhances the total Tennessee Wesleyan program.

Requirements for the minor in Health Education

The minor in Health Education shall consist of the following:

B 305	Human Anatomy and Physiology	3 s.h.
SO 202	Marriage and the Family	3 s.h.
HE 161	Environmental and Public Health	3 s.h.
HE 162	Personal Health and Drug Abuse	3 s.h.
HE 263	Nutrition	3 s.h.
HE 264	Safety Education and First Aid	3 s.h.
HE 361	School Health Education	2 s.h.
HE 375	Health Science	3 s.h.

Requirements for the B.S. in Physical Education

The major in Physical Education consists of the following:

B 305	Human Anatomy and Physiology	3 s.h.
B 306	Kinesiology	2 s.h.
HE 264	Safety Education and First Aid	3 s.h.
PE 200	Introduction to Physical Education and Recreation	3 s.h.
PE 257	Lifeguard Training	2 s.h.
or PE 258	Water Safety Instructor	3 s.h.
PE 302	Lifetime Sports	2 s.h.
PE 303	Team Sports	2 s.h.
PE 305	Folk and Square Dancing	2 s.h.
PE 306	Stunts, Tumbling, Gymnastics	2 s.h.
PE 308	Activities for Children	3 s.h.
PE 365	Adaptive Physical Education	3 s.h.
PE 411	Tests and Measurements in Physical Education	3 s.h.
PE 421	Physiology of Exercise	3 s.h.
PE 431	Administration and Organization of P.E.	3 s.h.
PE 451	Curriculum Development in Physical Education	3 s.h.

Students who wish to be licensed to teach Physical Education will be required to complete 13 semester hours in professional education courses (ED 100, ED 101, ED 201, ED 330, ED 355) and PE 472 Directed Teaching in Physical Education K-12 (15 semester hours).

Requirements for the minor in Recreation

A minor in Recreation consists of a minimum of 25 semester hours with a program emphasis of **either** sports or outdoor recreation.

Core Required Courses:

PE 200	Introduction to Physical Education and Recreation	3 s.h.
PE 300	Recreation and Park Services	3 s.h.
PE 431	Administration and Organization of P.E.	3 s.h.
PE 471	Field Experience in Recreation	3 s.h.
HE 264	Safety Education and First Aid	3 s.h.

Sports Emphasis — 10 additional hours from:

BA 101	Introduction to Business	3 s.h.
PE 302	Lifetime Sports	2 s.h.
PE 303	Team Sports	2 s.h.
PE 306	Stunts, Tumbling and Gymnastics	2 s.h.
PE 307	Coaching and Officiating Team Sports	2 s.h.
PE 308	Activities for Children	3 s.h.

Outdoor Recreation — 10 additional hours from:

BA 101	Introduction to Business	3 s.h.
B 465	Principles of Ecology	4 s.h.
PE 257	Lifeguard Training	2 s.h.
or PE 258	Water Safety Instructor	3 s.h.
PE 308	Activities for Children	3 s.h.
PE 365	Adaptive Physical Education	3 s.h.
PE 375	Camping and Outdoor Recreation	2 s.h.

Note: Physical education majors who minor in recreation will be required to complete 20 semester hours from the courses listed for the minor that are not required in the physical education major.

History

The study of History does not present the past merely as a source of ideas to be copied, but as an index of what man can achieve despite physical and cultural limitations. An understanding of history is vital to any broad liberal education. A major in history provides a background appropriate for such diverse occupations as archival work, government service, law, library science, theology, and secondary and college teaching.

Requirements for the B.A. in History

The B.A. in History consists of at least 36 semester hours, 18 of which must be above the 200 level. The following courses must be included:

H 101, 102	Western Heritage I, II	6 s.h.
H 204, 205	History of the United States I, II	6 s.h.
H 310, 311	History of Modern Europe I, II	6 s.h.
H 461r	Seminar in History (two courses)	6 s.h.
H	Additional History Electives (300-400 level)	6 s.h.
H 107, 108	World Geography I, II	6 s.h.

Requirements for the B.S. in History

The person electing this major could be licensed to teach social studies in grades 7-8, and history in grades 7-12. All majors must complete the Enhanced ACR II.

H 101, 102	Western Heritage I, II	6 s.h.
H 204, 205	History of the United States I, II	6 s.h.
H 461r	Seminar in History (two courses)	6 s.h.
H	History Electives (300-400 level)	6 s.h.
H 107, 108	World Geography	6 s.h.
PS	Political Science Electives	6 s.h.

In addition, those students wishing to be licensed to teach must complete 24 semester hours in professional education courses and 15 semester hours in student teaching.

History electives will be selected in consultation with the faculty of the department. History majors may elect to stress United States or European History. Those students planning to attend graduate school will be strongly urged to demonstrate a proficiency at the intermediate level in a foreign language or the introductory level in statistics.

Requirements for a minor in History

H 101, 102; H 204, 205; and any six semester hours of history at 300 level or above.

Human Learning

The major in Human Learning has strong components in sociology and psychology. The person electing this major should be knowledgeable in the areas of child growth and development, how children learn, and how environment and physiology influence learning.

Requirements for the B.S. in Human Learning (36 semester hours)

SO 101	Introduction to Sociology	3 s.h.
PY 101	Introduction to Psychology	3 s.h.
SO 203	Cultural Anthropology	3 s.h.
SO 301	Racial and Cultural Minorities	3 s.h.
SO 321	Social Problems and Change	3 s.h.
PY 231	Developmental Psychology	3 s.h.
PY 331	Physiological Psychology and Learning	3 s.h.
	Electives selected from upper division courses in English, History, Science, or Mathematics	15 s.h.

Those students wishing to be certified to teach must choose E 312, Books and Related Materials for Children as one of their electives; complete the Enhanced ACR I; 24 semester hours of professional education courses; and 15 semester hours of student teaching.

Human Services

This major is intended for the growing number of students who will seek employment in a human service related profession upon completion of the undergraduate degree. In this major, the academic study of the social and behavioral sciences is complemented by field placement opportunities which provide practical experience in and knowledge of service agencies in the community.

Requirements for the B.S. in Human Services

A major in Human Services leading to the B.S. degree requires 33 semester hours distributed as follows:

HS 231	Introduction to Human Services	3 s.h.
HS 333	Human Service Skills	3 s.h.
HS 434	Advanced Human Service Skills	3 s.h.
HS 460	Human Services Fieldwork	3 s.h.
PY 101	Introduction to Psychology	3 s.h.
SO 101	Introduction to Sociology	3 s.h.
PY/SO 261	Social Psychology	3 s.h.
PY/SO 270	Social Research Methods	3 s.h.
SO 401	Population and Society	3 s.h.
PY/SO	Psychology and Sociology electives at 300-400 level	6 s.h.

Note: Elementary Statistics (M 301, 302) are strongly recommended for students majoring in Human Services.

Interdisciplinary Studies

The Interdisciplinary Studies major contains two subject area components which are combined to form the major.

Requirements for the B.S. in Interdisciplinary Studies (Any Two Components)

English

E 201, 202	World Literature	6 s.h.
E	American or British Literature	6 s.h.
E 321	History of the English Language	3 s.h.
E 391	Advanced Composition	3 s.h.
E	Literature Electives (300-400 Level)	3 s.h.

Note: Students wishing to be licensed to teach must choose E 312, Books and Related Materials for Children, as one of their electives.

History

H 204, 205	History of the United States I, II	6 s.h.
H 207 or 208	World Geography	3 s.h.
H 310, 311	History of Modern Europe	6 s.h.
H	History Electives (300-400 level)	12 s.h.

Science

B 111, 112	General Biology I, II	8 s.h.
P 131, 132	Physical Science I, II	8 s.h.
B 301	Morphology of Non-Vascular Plants	
or B 302	Morphology of Vascular Plants	
or B 403	Plant Taxonomy	4 s.h.
B 365	General Microbiology	4 s.h.
B 371	Biology of the Vertebrates	
or B 470	Invertebrate Zoology	4 s.h.

Mathematics

M 281, 282	Calculus	8 s.h.
M	Math Electives (300-400 level)	9 s.h.

In addition, those students wishing to be licensed to teach must complete the Enhanced ACR I, 24 semester hours of professional education courses, and 15 semester hours of student teaching.

Mathematics

The purpose of the Department is to provide an understanding of and training in the use of mathematics as:

a language to facilitate reasoning and to aid the communication of ideas;

a tool which furnishes methods and techniques of problem-solving in areas ranging from daily experiences to advanced research in both pure and applied science;

an art characterized by form, pattern, and beauty, exhibited in and influencing such tangible creative areas as painting, architecture, and music;

and as a science, independent of, yet related to, all other sciences.

There are two majors available in Mathematics, the B.A. in Mathematics and the B.S. in Mathematics. All majors must complete the core requirements plus the additional requirements listed for either the B.A. or B.S. major.

Core Requirements:

M 281, 282	Calculus I, II	8 s.h.
M 321	Discrete Mathematics	3 s.h.
M 341	Intermediate Analysis	3 s.h.
M 351	Linear Algebra	3 s.h.
M 381	Multi-Variable Calculus	3 s.h.
M 411	Modern Algebra I	3 s.h.
M 421	Ordinary Differential Equations	3 s.h.
M 451	Mathematical Modeling	3 s.h.
M 390	Topics (Topology)	3 s.h.

Additional Requirements for the B.A. in Mathematics:

M 300-400	Mathematics Electives	6 s.h.

In addition to the major and the ACR, 12 s.h. of additional Humanities as listed on page 33 must be completed.

Additional Requirements for the B.S. in Mathematics:

M 301, 302	Elementary Statistics I, II	6 s.h.
M 300-400	Math Electives (300-400 level)	6 s.h.

Students wishing to be licensed to teach must select M 361, Introduction to Geometry and M 464, Mathematics Seminar as their 6 hours of electives. In addition, they must complete the Enhanced ACR II, 24 semester hours of professional education courses and 15 semester hours of student teaching.

Students not seeking teacher licensure must select M 390, Topics (Numerical Analysis) for three hours of their electives.

Requirements for a minor in Mathematics

M 281, 282 Calculus I, II, plus 12 s.h. 300-400 level Math elective (excluding M 301, 302).

Music

The Music Department is a vital part of the TWC community. It serves as a cultural agency for the campus, community and surrounding area. The baccalaureate programs which it offers prepare the student as a musician in the areas of performance and teaching, and provides him/her with the necessary background for further study, not only in these areas, but also in music history, theory and composition. For the general college student many opportunities are available through performance, private study, improvement of listening skills and development of basic understandings in music fundamentals.

Several concerts and recitals are presented by the Music Department throughout the school year. Performances are given by the Concert Choir, the Consolidation, piano ensemble, individual students and faculty members.

The Music Department sponsors a student chapter of the Music Educators National Conference. Music students may join the local chapter of the Music Teachers National Association.

Special Information for Students with a Major in Music

1. Admission to the Department of Music

The student is encouraged to declare his/her major in music at the earliest possible time because of the professional aspects of the music curriculum. In addition to the general requirements for admission to the college, the student must meet the following requirements of the Department of Music.

Each student will perform in his/her major medium an audition of ten minutes or less, either in person or by tape recording. This audition will be used to ascertain the student's level of performance and to make recommendations concerning the student's placement in applied music. Only on the basis of the audition will he/she be recommended for acceptance as a music major. Students are encouraged to audition the semester prior to their enrollment. Audition appointments may be made by writing the Chairperson, Department of Music, Tennessee Wesleyan College, Athens, Tennessee 37303.

Each student will take a music placement test to determine his/her aptitude and musical knowledge.

2. Piano and Voice Proficiency

All students majoring in music must pass a piano and voice proficiency examination or register in piano or voice until this requirement is met. The examination must be passed by the beginning of the junior year for students who enter as freshmen and by the beginning of the second semester of the junior year for transfer students. The proficiency examination tests the student's ability to use the piano and voice as tools within the framework of his/her professional activities. The test is given at the end of each semester and is taken with the consent of the student's instructor in each area. Entering students who are prepared to take the examination may do so before their first semester of registration.

3. Applied Music Lessons

All students enrolled in a music curriculum receive applied music training in voice, piano, organ, guitar, or any orchestral instrument. The following formula is used to credit the study of applied music:

One semester hour of credit: one half-hour of instruction per week and a minimum of one-hour practice per day.

Two semester hours of credit: one hour of instruction per week and a minimum of two hours of practice per day. (This is considered the normal load for a music major.)

Three semester hours of credit: one hour of instruction per week and a minimum of three hours of practice per day.

4. Applied Music Evaluations

Evaluations (recital or jury) by a committee composed of the student's instructor and at least two other members of the music faculty will be held at the conclusion of each semester of applied music study. The committee will decide the grade for the examination. The teacher's and the committee's grades determine the final grade. The student may not register for 300 level applied music without the consent of the committee.

5. Music Ensembles

All music majors are required to earn 7-8 semester hours through participation in concert choir. The purpose of this requirement is to acquaint the student with the best music literature in the ensemble medium through actual performance. Auditions are held each semester before registration. Assignment to concert choir is made at the discretion of the organization director. A maximum of 8 semester hours may be earned toward graduation.

6. Outside Performance

Permission to take part in musical activities apart from the regularly scheduled offerings of the Department of Music must be obtained from the student's applied music instructor. The music faculty reserves the right to **limit** or **prohibit** student participation in music ensembles or solo performance outside the Department of Music if such participation impedes desirable musical growth.

7. Student Recitals

Students pursuing a course of study leading to a Bachelor of Music Education degree will present a graduation recital (normally 30 minutes) during the senior year.

Students pursuing a course of study leading to a Bachelor of Arts degree with a major in music will present a recital in the junior year (normally 30 minutes) and a graduation recital in the senior year (normally one hour).

A committee hearing is required of all students for degree recitals which are in partial fulfillment of academic requirements. All recitals must be presented to the music faculty **and approved** at least two weeks prior to the date of the recital. Further details are available in the Department of Music Office.

Before the date of their recitals, a student pays to his/her applied music instructor an amount to cover the cost of the programs, recording tape, and technicians' services.

8. Fulfillment of Graduation Requirements

1. All music majors are required to maintain an average of C or better in the theory course sequence.
2. The student must give any required recitals during a term in which he/she is enrolled in the applied area of study.
3. All other music departmental requirements for graduation must be completed while the student is enrolled in the college.
4. The student must have taken at least three hours of credit at the 300 level in applied music.

Degree Requirements for Music

Requirements for the B.A. in Music

To receive the Bachelor of Arts degree with a major in music the student must complete 46 semester hours in music courses as follows:

*MU 111, 112	Materials and Structures of Music I, II	6 s.h.
MU 111L, 112L	Materials and Structures of Music I, II Lab	2 s.h.
MU 211, 212	Materials and Structures of Music III, IV	6 s.h.
MU 211L, 212L	Materials and Structures of Music III, IV Lab	2 s.h.
MU 103r, 303r	Applied Music (principal)	12 s.h.
MU 100r or 116r or 103r	Applied Music (secondary)	4 s.h.
MU 314, 315	History of Music I, II	6 s.h.
MU 191r, 391r	Concert Choir	8 s.h.

Requirements for the Bachelor of Music Education

To receive the Bachelor of Music Education degree, all students must complete the core requirements plus additional course work leading to either the major in church music or the major in music (for those seeking licensure to teach).

*MU 111, 112	Materials and Structures of Music I, II	6 s.h.
MU 111L, 112L	Materials and Structures of Music I, II Lab	2 s.h.
MU 211, 212	Materials and Structures of Music III, IV	6 s.h.
MU 211L, 212L	Materials and Structures of Music III, IV Lab	2 s.h.
**MU	Applied Secondary Area	4 s.h.
***MU 103r, 303r	Applied Music (principal)	12 s.h.
MU 311	Instrumentation	3 s.h.
MU 314, 315	History of Music I, II	6 s.h.
MU 324	Beginning Conducting	3 s.h.
MU 325	Advanced Conducting and Choral Techniques	3 s.h.
MU 191r, 391r	Concert Choir and/or	
MU 171r, 371r	Consolidation	7 s.h.
MU 329	Methods and Materials for Teaching Music in Elementary School (K-6)	3 s.h.
MU 332	Methods and Materials for Teaching General Music in Secondary School (7-12)	3 s.h.
ED 101	Foundations of Education and Curriculum Development	3 s.h.
ED 201	Educational Psychology	3 s.h.
ED 320	Survey of Exceptional Children	2 s.h.

Those students seeking a major in church music must complete the core requirements for the Bachelor of Music Education degree and the following:

MU 310	Music in the Church	2 s.h.
ED 322	Concentrated Child Study	2 s.h.
R 101	Introduction to the Bible	3 s.h.
R 307	Old Testament	3 s.h.
R 310	United Methodist History and Beliefs	3 s.h.
R 325, 327	Church Vocations Practicum I, II	6 s.h.
PH 100	Introduction to Philosophy	3 s.h.
MC 101	Mass Communications I	3 s.h.
SP 101	Introduction to Speech	3 s.h.
TH 104	Introduction to Theater	3 s.h.
The ACR		37 s.h.

Those students seeking a major in music with licensure to teach in Tennessee must complete the core requirements for the Bachelor of Music Education degree and the following:

ED 100	Orientation to Teaching	2 s.h.
ED 355	Reading in the Content Area	3 s.h.
MU 450	Directed Teaching in Music (K-12)	15 s.h.
The Enhanced ACR II		52 s.h.

Proficiency and Recital Requirements

*Proficiency in music fundamentals is a prerequisite to enrollment in MU 111. Passing a proficiency examination or attaining a satisfactory grade (at least a C) in MU 108 Music Fundamentals will satisfy this prerequisite.

**The applied secondary area requirement must be satisfied by passing the proficiency examination in that area. Should the student not be proficient in the secondary area (voice for keyboard principals or piano for voice principals) he/she will be required to enroll in MU 116r Voice Class and/or MU 103r Applied Voice (keyboard principals) or MU 100r-200r Class Piano and/or MU 103r Applied Piano (voice principals). As many as four semester hours may be required in order for the student to develop proficiency in the secondary applied area.

***Proficiency which prepares the student to give an approved half-hour senior recital in the applied major area is required. The hours of applied music in the principal area must include at least three semester hours at the 300 level. The senior recital must be given before the student teaching semester for those seeking licensure.

Psychology

Psychology is concerned with all aspects of behavior, from brain functioning to social interaction. The Psychology major is centered around a variety of these topics and involves appropriate coursework and laboratory experiences, including independent study. The major is aimed for students considering advanced training in psychology and related human sciences as well as for those planning to enter psychology based occupations immediately upon graduation.

Requirements for the B.A. in Psychology

A major in Psychology leading to the B.A. degree requires 33 semester hours distributed as follows:

PY 101	Introduction to Psychology	3 s.h.
PY/SO 261	Social Psychology	3 s.h.
PY/SO 270	Social Research Methods	3 s.h.
PY 312	Experimental Psychology	3 s.h.
PY 411	Advanced General Psychology	3 s.h.
PY 470	Research and Practicum in Psychology	3 s.h.
PY	Psychology electives at the 300-400 level	6 s.h.
M 301	Elementary Statistics	3 s.h.
SO	Sociology electives (must include 3 s.h. at 300-400 level)	6 s.h.

Requirements for a minor in Psychology

A minor in Psychology consists of 15 semester hours distributed as follows:

PY 101	Introduction to Psychology	3 s.h.
PY 261	Social Psychology	3 s.h.
PY 312	Experimental Psychology	3 s.h.
PY	Psychology electives at the 300-400 level	6 s.h.

Religion and Philosophy

The Department believes that the study of religion and philosophy can free the student from a superficial view of self and society. It can help the student become more aware of limits and possibilities and may even assist in gaining insights which may change life. Departmental members encourage students to feel sensitively and to think carefully with others, past and present, who can aid in learning what it means to live as a human being today, with careful attention to the life and teachings of Christ.

To assist those who want to make these discoveries and to meet vocational needs, the Department offers basic, intermediate, and advanced courses on a wide range of topics. Through flexible and individualized studies, the student can pursue his/her own interests. Through practice, the student can become increasingly able to put to work in concrete situations the knowledge and skills he/she is gaining. The Department offers majors in Church Vocations and the Pre-seminary major.

Requirements for the B.S. in Church Vocations

In order to major in a church vocation, the student shall complete the Core Religious Studies Course and one or more of the following areas: Church School Education, Church Camps and Recreation, Church Business Management.

Core Religious Studies Course (18 semester hours)

R	Biblical Courses	6 s.h.
R 325, 327	Church Vocations Practicum I, II	6 s.h.
R	Electives in Religion	6 s.h.

Church School Education (18 semester hours)

ED 101	Foundations of Education and Curriculum Development	3 s.h.
ED 201	Educational Psychology	3 s.h.
ED 320	Survey of Exceptional Children	2 s.h.
ED 322	Concentrated Child Study	2 s.h.
ED 330	Classroom Management	2 s.h.
HS 231	Introduction Human Services	3 s.h.
HS 333	Human Services Skills	3 s.h.

Church Camps and Recreation (22 or 23 semester hours)

HE 161	Environmental and Public Health		3 s.h.
HE 162	Personal Health and Drug Abuse		3 s.h.
HE 263	Nutrition		3 s.h.
HE 264	Safety Education and First Aid		3 s.h.
PE 257	Lifeguard Training		2 s.h.
or PE 258	Water Safety Instructor		3 s.h.
PE 302	Lifetime Sports		2 s.h.
PE 305	Folk and Square Dancing		2 s.h.
PE 375	Camping and Outdoor Recreation		2 s.h.
PE	Electives (to be chosen from the following)		2-3 s.h.
	PE 303 Team Sports	2	
	PE 306 Stunts and Tumbling	2	
	PE 308 Activities for Children	3	
	PE 365 Adaptive P.E.	3	

Church Business Management (21 semester hours)

BA 101	Introduction to Business	3 s.h.
BA 201, 202	Principles of Accounting I, II	6 s.h.
BA 315	Business Communications	3 s.h.
BA 321	Principles of Management	3 s.h.
BA 421	Human Resources Management	3 s.h.
BA	Business Elective (must be approved by department)	3 s.h.

Requirements for the B.A. in Pre-Seminary (57 semester hours)

English	12 s.h.
Social Science	
Psychology	6 s.h.
Six (6) additional hours from Sociology, Political Science, Economics, Education	6 s.h.
History	6 s.h.
Philosophy	6 s.h.
Religion	9 s.h.
12 semester hours on 300-400 level from these disciplines: English, Psychology, History, Philosophy, Religion	12 s.h.

Social Science

Requirements for the B.S. in Social Science

The person electing the Interdisciplinary major in Social Science could be licensed to teach social studies in grades 7-8, history in grades 7-12, and government in grades 7-12.

H 101, 102	Western Heritage I, II	6 s.h.
H 204, 205	History of United States I, II	6 s.h.
H 310, 311	History of Modern Europe	6 s.h.
H 461r	Seminar in History (two courses)	6 s.h.
H	History Electives (300-400 level)	6 s.h.
H 107,108	World Geography	6 s.h.
PS 201	American Government and Politics	3 s.h.
PS 202	Introduction to Political Science	3 s.h.
PS	Political Science Electives	6 s.h.

In addition, those wishing to be licensed to teach must complete the Enhanced ACR II, 24 semester hours of professional education courses and 15 semester hours of student teaching.

Sociology

Requirements for a minor in Sociology

A minor in Sociology requires 15 semester hours distributed as follows:

SO 101	Introduction to Sociology	3 s.h.
SO 270	Social Research Methods	3 s.h.
SO 421	Sociological Theory	3 s.h.
SO	Additional Sociology courses at the 300-400 level	6 s.h.

COURSE OFFERINGS AND DESCRIPTIONS

Course offerings and descriptive information are listed by departments alphabetically in the Catalog. The credit value of each course in semester hours is indicated by a number in parentheses after the title. One semester hour of credit represents one faculty-student contact period per week, or two or more hours of regularly scheduled laboratory, practice, directed individual study, or other formal course activity per week.

Course Symbols:

r Courses which may be repeated for credit are designated by "r" immediately following the course number.

* An asterisk following the course number indicates that the course is offered only upon sufficient demand—usually in alternate years.

Courses Available in Every Department

290r TOPICS IN (Name of Discipline)
Topics of current interest in (name of discipline). The topic for study will be of a general nature and will be announced prior to registration.

390r TOPICS IN (Name of Discipline)
Topics of current interest in (name of discipline). This topics course will address special issues within a discipline and assume a more advanced level than 290 Topics courses.

490r INDEPENDENT STUDY
Individual project including library research, conferences with the instructor, oral and written reports on independent work. Subject matter may complement, but not duplicate, material in regular courses. Arrangements must be made with a department member prior to registration. Prerequisite: Approval of the departmental chairperson and the Academic Dean.

ART

A 201 ART APPRECIATION (3)
Class discussions of the visual arts in terms of content, style, technique, and theory.

A 341 THE HISTORY OF ANCIENT AND MEDIEVAL ART (3)
A study of the development of art from prehistoric times through the Gothic period.

A 342 THE HISTORY OF ART FROM RENAISSANCE TO THE PRESENT (3)
A study of European art from the 15th Century through the 18th Century and the significant art movements of the 19th and 20th Centuries.

AVIATION

AV 110 AVIATION HISTORY (3)
At the conclusion of this course, the student should have some knowledge of the history of flight—from the early theories to the present day air transportation system.

AV 120 THEORY OF FLIGHT AND PERFORMANCE (3)
At the conclusion of this course, the student should have knowledge of the basic concept of flight and principles of aircraft performance including records, equipment, and requirements for safety and maintenance.

AV 210 AVIATION WEATHER AND NAVIGATION (3)
At the conclusion of this course, the student should have knowledge of the influence of weather on aviation operations and should have a basic understanding of the use of radio and other electronic methods as well as dead reckoning as used in cross country flight.

AV 301 AVIATION LAW AND SAFETY (3)
At the conclusion of this course, the student should have knowledge of federal and international laws which govern aviation operations as well as accident investigation and other safety-related aspects of flight operations.

AV 401 AIR TRANSPORTATION (3)
Study of the historical development and the present conditions of the air transportation system both foreign and domestic.

AV 407 AVIATION INTERNSHIP I (3)
At the conclusion of this course, the student shall have had practical experience in many of the tasks involved in the operation of small commercial airports. Prerequisite: Permission of instructor.

Note: Tennessee Wesleyan does not offer flight instruction but this instruction is available at the Athens airport. Students interested should contact the airport directly. Once obtained, TWC will award 3 s.h. of credit for each of the three licenses (private, instrument, and commercial).

BIOLOGY

B 101, 102 BIOLOGICAL CONCEPTS I, II (4, 4)
The most important generalizations of biology and the phenomena upon which they are based with particular emphasis on the universal phenomena characteristic of all living things; the fundamentals of plant and animal structure, nutrition, genetics, speciation, reproduction, and the integration of the organism as a whole. Three lectures and one two-hour laboratory a week. Designed for non-science students.

B 111, 112 GENERAL BIOLOGY I, II (4, 4)
An intensive course of study designed to emphasize the unity of biology through the investigation of: (1) the cell, including the molecular basis of life, energy transformations, cellular reproduction, and heredity; (2) organisms, including behavior, physiology, and the nature of the structures associated with these processes; (3) populations and communities, including a survey of the plant and animal kingdoms as well as a study of the origin of life and the processes of speciation. Three lectures and one two-hour laboratory a week. Designed for science majors and pre-professional students in Medicine, Dentistry, Medical Technology, Nursing, Pharmacy, and Physical Therapy.

B 225 SCIENTIFIC TERMINOLOGY (2)
A study of the fundamental principles of recognizing, analyzing, and building scientific words of Greek and Latin origin. Although the course is designed primarily for students in science, the method and material provided can be of considerable value to non-science students who wish to learn word analysis and language patterns. (1990-91 and alternate years.)

B 270 PRINCIPLES OF GENETICS (3)
A study of the physical and chemical bases of heredity, the structure and function of the gene, the patterns of heredity in the individual and the population, and the kinds and sources of hereditary variation. Prerequisites: B 111, 112. Two hours of lecture and two hours of laboratory a week. (1990-91 and alternate years.)

B 284 COMPARATIVE ANATOMY (4)
A comparative study of the evolutionary modifications in the organ systems of vertebrates. Laboratory study includes the dissection and identification of the major organ systems of the dogfish shark and the cat. Prerequisites: B 111, 112. Two lectures and two three-hour laboratories a week. (1990-91 and alternate years.)

B 301 MORPHOLOGY OF NON-VASCULAR PLANTS (4)
A study of selected aspects of the morphology, life-cycle, and evolution of the major taxa of non-vascular plants. Prerequisites: B 111, 112. Three lectures and one three-hour laboratory per week. (1990-91 and alternate years.)

B 302 MORPHOLOGY OF VASCULAR PLANTS (4)
A study of selected aspects of the morphology, reproduction, and evolution of the major taxa of vascular plants. Prerequisites: B 111, 112. Three lectures and one three-hour laboratory per week. (1991-92 and alternate years.)

B 305 ANATOMY AND PHYSIOLOGY (3)
A study of the general structure and physiological activities of the human organ systems. Prerequisites: B 101, 102 or B 111, 112. Not acceptable for credit toward the major in biology. Two lectures and one two-hour laboratory a week. Designed for those students who wish to be licenced to teach physical education. (1991-92 and alternate years.)

B 306 KINESIOLOGY (2)
A study of fundamental anatomical, mechanical, and neuromuscular principles as they apply to human motion. Prerequisite: B 305 Anatomy and Physiology or consent of instructor. Not acceptable for credit toward the major in biology. Two lectures a week. (1990-91 and alternate years.)

B 362 CELLULAR PHYSIOLOGY (3)
A study of the functions of cells at the molecular, organelle, and cellular levels of organization. Also included is a consideration of such cellular processes as energy transformation, transport of materials, and growth. Prerequisites: B 111, 112 and at least one term of Organic Chemistry. Three lectures a week. (1990-91 and alternate years.)

B 365 GENERAL MICROBIOLOGY (4)
An introduction to the classification, morphology, and physiology of protozoa, yeasts, bacteria and viruses. Emphasis is on the bacteria. Prerequisites: B 111, 112. Three lectures and one three-hour laboratory a week. (1991-92 and alternate years.)

B 371 BIOLOGY OF THE VERTEBRATES (4)
A study of the natural history, anatomy, taxonomy, and phylogeny of representatives of the classes of vertebrates. A field collection and preparation of bird and mammal skins is required as a portion of the laboratory work. Prerequisites: B 111, 112. Three hours of lecture and three hours of laboratory per week. (1991-92 and alternate years.)

B 380 CONSERVATION ECOLOGY (4)*
The utilization of the principles of physics, chemistry, and biology in a study of the environment with emphasis on the conservation of natural resourcs for the future esthetic and economic benefit of mankind. Laboratory study is supplemented by field trips to areas of ecological interest, selected industries, power stations, etc. Prerequisite: At least one term in a science course at the college level or permission of Departmental Chairman. Not acceptable for credit toward the major in biology. Three lectures and one two-hour laboratory a week.

B 385, 386 HUMAN ANATOMY AND PHYSIOLOGY I, II (4, 4)
A study of the structure and functions of organs and organ systems of the human body. Prerequisites: B 111, 112. Not acceptable for credit toward the biology major. Two lectures and two two-hour laboratories a week.

B 403 PLANT TAXONOMY (4)
A study of the systems of classification used in categorizing flowering plants with emphasis on the identification and preservation of the local flora. Prerequisites: B 111, 112. Three lectures and one three-hour laboratory a week. (1991-92 and alternate years.)

B 455 ADVANCED MICROBIOLOGY (3)
An introduction to the study of the mechanisms of the immune system, the development of vaccines, and the regulatory procedures for manipulating the immune response. Also considered is a study of the epidemiology, etiology, treatment and prevention of diseases caused by microorganisms and viruses. Prerequisite: B 365. Three lectures a week.

B 465 PRINCIPLES OF ECOLOGY (4)
A field-oriented course in environmental biology including a study of plant and animal communities. Emphasis is on interactions of organisms in nature. Prerequisites: B 111, 112. Three hours of lecture and three hours of laboratory per week. (1990-91 and alternate years.)

B 470 INVERTEBRATE ZOOLOGY (4)
An introductory study of the structure, taxonomy, and ecology of representative kinds of invertebrate animals. Laboratory includes some fieldwork and identification of local free-living invertebrates. Prerequisites: B 111, 112. Three hours of lecture and three hours of laboratory per week. (1991-92 and alternate years.)

B 471 SEMINAR IN BIOLOGY (2)
Designed to help the student in the utilization of biological reference materials. Included are readings in the literature and discussions of current investigations in biology. An oral presentation of a topic of current interest in biological research is required. Prerequisite: At least junior status or permission of Departmental Chairman.

* This course is part of the Elementary Education Major for students who will graduate on or before December, 1993 (the "old" program) and will be scheduled only as need arises. The course will be eliminated from the course listings after December, 1993.

GULF COAST RESEARCH LABORATORY
OCEAN SPRINGS, MISSISSIPPI

Summer course offerings include:

BOT 331	COASTAL VEGETATION (3)
BOT 341	MARINE BOTANY (4)
BOT 441	SALT MARSH PLANT ECOLOGY (4)
CH 461	MARINE CHEMISTRY (6)
GEO 431	COASTAL MARINE GEOLOGY (3)
MIC 452	MARINE MICROBIOLOGY (5)
MS 400	SPECIAL PROBLEMS IN MARINE SCIENCE (1-6)
MS 405	SPECIAL TOPICS IN MARINE SCIENCE (1-6)
MSE 431	MARINE SCIENCE FOR TEACHERS I (3)
MSE 432	MARINE SCIENCE FOR TEACHERS II (3)
MSE 433	MARINE SCIENCE FOR ELEMENTARY TEACHERS (3)
OCE 251	OCEANOGRAPHY I (5)
OCE 252	OCEANOGRAPHY II (5)
ZO 141	INTRODUCTION TO MARINE ZOOLOGY (4)
ZO 361	MARINE INVERTEBRATE ZOOLOGY (6)
ZO 362	MARINE VERTEBRATE ZOOLOGY AND ICHTHYOLOGY (6)
ZO 408	COMPARATIVE HISTOLOGY OF MARINE ORGANISMS (1-6)
ZO 442	MARINE FISHERIES MANAGEMENT (4)

ZO 443 BEHAVIOR AND NEUROBIOLOGY OF MARINE ANIMALS (4)
ZO 447 FAUNA AND FAUNISTIC ECOLOGY OF TIDAL MARSHES (4)
ZO 448 EARLY LIFE HISTORY OF MARINE FISHES (4)
ZO 452 MARINE ECOLOGY (5)
ZO 464 AQUACULTURE (6)

See the Chairman of the Department of Biology for additional information concerning these courses and the Research Laboratory.

BUSINESS ADMINISTRATION

BA 101 INTRODUCTION TO BUSINESS (3)
An introductory course to the field of business in the United States. Topics include: History and overview of American Business; Management and Organizations of Human Resources; Production and Productivity; Marketing; Information Management and Control; and Career Opportunities in Business.

BA 201 PRINCIPLES OF ACCOUNTING I (3)
The introductory course in double-entry accounting. Accounting principles and practices, the accounting cycle, accounting for a merchandising enterprise, periodic reporting procedures, and accounting systems design are topics covered.

BA 202 PRINCIPLES OF ACCOUNTING II (3)
A continuation of BA 201. Includes the topics of accounting for cash, receivables and temporary investments, inventories, plant and intangible assets, payroll, payables, partnerships, and corporations. Prerequisite: BA 201.

BA 211 INTRODUCTION TO ELECTRONIC DATA PROCESSING AND BASIC (3)
Presentation of the broad concepts of data processing and the computer. Emphasis on theory and application rather than mechanics. Includes a brief introduction to the BASIC language.

BA 218 INTRODUCTION TO APPLICATIONS (3)
An introduction to the use of computers in business, including operating systems, data base, word processing, spreadsheets, and graphics. This course should be taken before any CS course numbered 240 or higher. Also listed as CS 218.

BA 220 INTRODUCTION TO COMPUTER PROGRAMMING (3)
The historical development of the art and science of computer programming, from machine language through assemblers, procedural languages such as COBOL, Fortran, and C, to fourth-generation languages. The student will write programs in languages of each generation. The emerging understanding of the human-computer interface will be emphasized. Also listed as CS 220.

BA 221 LEGAL ENVIRONMENT OF BUSINESS (3)
A comprehensive study of the legal environment concentrating on business, contracts, personal and real property law, sales, creditors rights, agency, business organization and estates. The Uniform Commercial Code, Corporations and Partnerships Acts and case studies will also be an integral part of the course.

BA 222 BUSINESS LAW—SPECIAL TOPICS (3)
An advanced review of the law of sales, commercial paper, secured transactions; tax consequences imputed to business organizations; advanced real estate (financing/closings) securities regulations, bankruptcy; and administrative law topics.

BA 240 WORD PROCESSING (3)
The use of electronic word processing as a replacement for and enhancement of a typewriter in business and personal use. Capabilities beyond mere typing, such as graphics, will be emphasized. Extensive "hands-on" use of the computer will be required.

BA 242 ELECTRONIC SPREADSHEETS (3)
The use of electronic spreadsheets as a tool for presenting data, including graphic presentations, "what-if" analysis, and other business and personal uses. Extensive "hands-on" use of the computer will be required. Prerequisite: BA/CA 218 or permission of the instructor. Also listed as CS 242.

BA 243 DATA BASE MANAGEMENT SYSTEMS (3)
The uses and benefits of data base management programs in business and elsewhere, with emphasis on querying existing data bases. Extensive "hands-on" use of the computer will be required. Prerequisite: BA/CS 218 or permission of the instructor. Also listed as CS 243.

BA 301 INTERMEDIATE ACCOUNTING I (3)
A continuation of BA 202. Topics include working papers, adjusting and closing procedures, financial statements, concepts of accounting theory and principles; classifying and reporting assets, liabilities, owners' equity, and revenue and expenses. Reporting extraordinary items, changes of prior periods, and financial statement disclosure are included. Prerequisite: BA 202.

BA 302 INTERMEDIATE ACCOUNTING II (3)
A continuation of BA 301. Topics include special applications of accounting concepts and principles such as accounting for income taxes, price-level changes, branches and subsidiaries, foreign currency translation, long-term contracts, and franchises. Current accounting issues are also examined. Prerequisite: BA 301.

BA 310 PSYCHOLOGICAL APPLICATIONS FOR BUSINESS (3)
The course focuses on the application of psychology to the issues and needs of business, industry and formal organizations, including organizational behavior in the business environment and individual adjustment to organizational performance. Prerequisite: PY 101 or permission of the instructor. Also listed as PY 310.

BA 315 BUSINESS COMMUNICATIONS (3)
An introduction to nonverbal and verbal communication. Listening, speaking, reading, writing, and nonverbal communication will be emphasized. A formal business report and business letters will be required. Also, presentations and listening activities will play a vital role in this course. Prerequisite: E 102.

BA 321 PRINCIPLES OF MANAGEMENT (3)
The course is based upon the four major managerial functions: planning, organizing, motivating, and controlling, which are applied to the process of management and the organic functions of a business enterprise.

BA 322 OPERATIONS MANAGEMENT (3)
A study of manufacturing problems including plant location, production planning, cost control, and inventory management. Prerequisite: BA 321, M 302. (Can take M 302 simultaneously with permission of instructor.)

BA 331 INDUSTRIAL RELATIONS (3)
Union-management relations including the legal framework, the techniques and practices used in areas such as equal employment, occupational safety and health,and employee retirement plans. Prerequisite: BA 321.

BA 351 MARKETING MANAGEMENT (3)
The order of events that would follow the real-world setting of marketing planning and management is presented. Proceeding from broad-based, fundamental issues dealing with the process of marketing, the course also covers the micro, activities-oriented topics that demonstrate marketing operations. Topic treatment emphasizes planning and strategy for developing an organization's marketing mix.

BA 355 CONCEPTS OF ORGANIZATIONAL BEHAVIOR (3)
An examination of theory and research dealing with the behaviors of organizations with emphasis on individual and group behavior. Topics covered include motivation, communication, group dynamics, leadership, stress, personality, perception, attitudes, and organizational development. Prerequisite: BA 321.

BA 401 COST ACCOUNTING (3)
This course is concerned with cost accounting concepts and objectives; cost information systems and cost accumulation procedures; planning and control of factory overhead, materials and labor; planning of profits, costs and sales; and in cost and profit analysis. Prerequisite: BA 202.

BA 403 AUDITING (3)
The course consists of concepts, objectives, methods and techniques for internal and external audits and other related engagements of an external auditor such as write-ups, compilations, and reviews. Study includes using audit working papers to record the audit of assets, liabilities, owners' equity, and revenue and expense items. Reporting methods and obligations to clients and third parties, including an overview of professional ethics and legal liability exposure. Prerequisite: 12 hours of Accounting.

BA 404 TAX ACCOUNTING I (3)
Provisions of the Federal Revenue Act as pertains to taxation of individual and business income. Practice is given in preparation of tax returns. An introduction to taxation of estates, trusts, partnerships, and corporations is also presented. Prerequisite: BA 202.

BA 405 TAX ACCOUNTING II (3)
A continuation of BA 404. Emphasis is on intermediate and advanced level tax problems of individuals, corporations, partnerships, estates, and trusts. Prerequisite: BA 404.

BA 408 ACCOUNTING SYSTEMS (3)
A practical study of developing, organizing, and using accounting data for the purpose of installing or improving manual and computer accounting systems for various types of business enterprises. The interrelationship of accounting systems with auditing, internal control, and management information systems is emphasized. Prerequisite: 12 hours of Accounting.

BA 410 BUSINESS POLICY (3)
A capstone course required of all Management Majors. Management problem-solving, problem analysis, and design-making procedures will be presented. The case method of study is used extensively. Prerequisite: Senior standing.

BA 420 SUPERVISORY MANAGEMENT (3)
Planning, organizing, staffing, motivating, and controlling employee behavior and productivity; quality circles, positive use of discipline and rewards, communicating with employees and problem solving. Prerequisite: BA 321.

BA 421 HUMAN RESOURCES MANAGEMENT (3)
Includes principles and practices involved in administering a human resources program in a business organization. The course deals effectively with such problems as selection, training, compensation, promotion, and transfer of workers; working conditions; employee services; collective bargaining and union activities; and industrial relations.

BA 422 OFFICE MANAGEMENT (3)
An intensive study of the fundamental principles and successful practices used in managing the modern office. Topics include the role of administrative office management; organizing and planning for office operation; controlling office costs; leadership and human relations; and business information systems. (Alternate years.)

BA 431 HUMAN RESOURCE PLANNING AND DEVELOPMENT (3)
A study of concepts and practices appropriate to the area of human resource planning and development in organizations, the application of concepts to the development process and to the design of training programs. Prerequisite: BA 421.

BA 440 ADVANCED ACCOUNTING (3)
A study of the theory of business combinations, concentrating on the preparation of worksheets and financial statements resulting from mergers and consolidations. Also included is accounting for governmental and non-profit entities such as hospitals and universities. Other topics include partnerships, foreign operations, and selected industry-specific accounting methods. Prerequisite: BA 302.

BA 461r BUSINESS SEMINAR (1-3)
A study of selected current topics in the field of business. Course open to senior business majors only.

BA 470 PERSONNEL LAW (3)
A survey of the laws concerning equal employment, worker health and safety, workers' compensation, wage and hour law, employee legal rights, laws covering employee benefits, drugs in the workplace, and commercial drivers licensing. Prerequisite: BA 421 and BA 221.

CHEMISTRY

C 101, 102 GENERAL CHEMISTRY I, II (4, 4)
A study of the fundamental concepts of atoms and molecules, periodic relationships, equilibrium, kinetics and electrochemistry with laboratory experiments in qualitative analysis during the second semester. Three hours of lecture and three hours of laboratory per week. This sequence is a prerequisite for all other chemistry courses. Co-requisite: M 141.

C 201, 202 ORGANIC CHEMISTRY I, II (4, 4)
A study of the compounds of carbon. Properties and reactions of organic compounds are discussed in terms of modern structural theory. The laboratory consists of micro-scale preparation and study of reactions of typical carbon compounds; some instrumental methods of determination of structure and properties are used. Three hours of lecture and three hours of laboratory per week. Prerequisite: C 102.

C 331* QUANTITATIVE ANALYSIS (5)
Gravimetric and volumetric determinations, stoichiometry of analytical chemistry and separations. Three hours of lecture and six hours of laboratory per week. Prerequisite: C 102. (Fall 1993 and alternate years.)

C 333* INSTRUMENTAL ANALYSIS (5)
Consideration is given to instrument design, theory and applications to chemical problems in potentiometric, electrogravimetric, coulometric, polarographic and amperometric methods and optical and atomic spectroscopy and chromatographic separations. Three hours of lecture and six hours of laboratory per week. Prerequisite: C 331. (Spring 1994 and alternate years.)

C 351 COORDINATION CHEMISTRY (3)
A study of metal complexes, associated bonding theories, nomenclature, geometries, ligand effects, magnetic properties and organometallic chemistry. Three hours of lecture. Prerequisite: C 102. (Fall 1992 and alternate years.)

C 431, 432* PHYSICAL CHEMISTRY I, II (4, 4)
Emphasis will be on the study of chemical thermodynamics, chemical kinetics and equilibria and molecular structure. Three hours of lecture and three hours of laboratory per week. Prerequisites: C 202 or 333, P 212 and M 282. (1992-93 and alternate years.)

COMPUTER INFORMATION SYSTEMS

CS 101 TYPEWRITING/KEYBOARDING (3)
Learning "touch typing" for the typewriter and computer keyboard using the microcomputer and appropriate software. Two hours lecture and three hours laboratory per week.

CS 211 INTRODUCTION TO ELECTRONIC DATA PROCESSING AND BASIC (3)
Presentation of the broad concepts of data processing and the computer. Emphasis on theory and application rather than mechanics. Includes a brief introduction to the BASIC language.

CS 218 INTRODUCTION TO APPLICATIONS (3)
An introduction to the use of computers in business, including operating systems, data base, word processing, spreadsheets, and graphics. This course should be taken before any CS course numbered 240 or higher. Also listed as BA 218.

CS 220 INTRODUCTION TO COMPUTER PROGRAMMING (3)
The historical development of the art and science of computer programming, from machine language through assemblers, procedural languages such as COBOL, FORTRAN, and C, to fourth-generation languages. The student will write programs in languages of each generation. The emerging understanding of the human-computer interface will be emphasized. Also listed as BA 220.

CS 221 BASIC PROGRAMMING (3)
The design, coding and testing of computer programs written in the BASIC computer programming language.

CS 222 C PROGRAMMING (3)
An introduction to a modern,"block-structured" programming language, including coding, compilation, execution, and debugging. Good programming style is emphasized. (Alternate years.) Prerequisite: CS 220.

CS 223 COBOL PROGRAMMING (3)
A study of Common Business Oriented Language and its use in business in the processing of reports, statistics, and other managerial information. Flow charting, coding, compiling, and execution of programs included. (Alternate years.)

CS 224 FORTRAN PROGRAMMING (3)
An introduction to basic computer concepts and the writing of programs in the FORTRAN language. Some algebra is desirable but not required. (Alternate years.)

CS 240 WORD PROCESSING (3)
The use of electronic word processing as a replacement for and enhancement of a typewriter in business and personal use. Capabilities beyond mere typing, such as graphics, will be emphasized. Extensive "hands-on" use of the computer will be required.

CS 242 ELECTRONIC SPREADSHEET (3)
The use of electronic spreadsheets as a tool for presenting data, including graphic presentation, "what-if" analysis, and other business and personal uses. Extensive "hands-on" use of the computer will be required. Prerequisite: BA/CS 218 or permission of the instructor. Also listed as BA 242.

CS 243 DATA BASE MANAGEMENT SYSTEMS (3)
Students will gain a broad working knowledge of the uses of data bases and data base management systems and a reasonable level of skill in creating and querying them. Prerequisite: BA/CS 218 or permission of the instructor. Also listed as BA 243.

CS 324 ADVANCED FORTRAN PROGRAMMING (3)
A continuation of CS 224 at a more advanced level. Will involve more sophisticated file and data structures. Prerequisite: CS 224.

CS 361 OPERATING SYSTEMS, NETWORKS, AND DATA COMMUNICATIONS (3)
The functions and services performed by the operating system of a modern computer. Single- and multiple-user operating systems. Data communications systems and protocols. Functions performed by computer networks. Types of network configurations. Prerequisite: CS 220.

CS 423r ADVANCED PROGRAMMING (3)
Advanced programming problems in BASIC, RPG II, COBOL, or FORTRAN. The introductory course in the selected language is a prerequisite. The course may be repeated, but NOT in the same language.

CS 481 SYSTEMS ANALYSIS (3)
A capstone course integrating the techniques and tools learned in previous courses. Case studies will be a significant part of the course work. Must be taken in the senior year. Prerequisite: Senior standing and permission of the instructor.

DEVELOPMENTAL STUDIES

Based upon test results, students may be required to take one or more developmental courses in mathematics and writing. Developmental courses count toward hours needed for full-time enrollment but will not count as credit toward graduation.

All entering freshmen and those transfer students who have not completed the All College Requirements for mathematics and/or English will be administered a screening/placement test prior to enrollment in courses in these departments. Based upon the results of this test and other pertinent factors such as ACT/SAT scores, high school courses completed, and GPA, students may be required to complete one or more developmental courses.

Students who are required to take DS 091-M must successfully complete it and DS 092-M before registering for other mathematics courses.

Students who are required to take DS 090-W must successfully complete it before registering for E 101.

DSM 091 ESSENTIAL MATHEMATICS I (4)
Essential Mathematics I includes arithmetic and elementary algebra through linear equations and inequalities in one variable. Topics include whole numbers, fractions, decimals, ratios and proportions, percents, introduction to algebra, linear equations and inequalities in one variable, graphing. Class meets 3 hours per week plus 2 hours lab. Does not count as credit for graduation. (Fall).

DSM 092 ESSENTIAL MATHEMATICS II (3)
Essential Mathematics II is a continuation of Essential Mathematics I and includes operations with polynomials/rational expressions, systems of linear equations and inequalities in two variables, graphing, radicals, quadratic equations, and geometry. Class meets 3 hours per week. Does not count as credit for graduation. (Fall and Spring).

DSW 090 DEVELOPMENTAL WRITING (4)
Writing Skills focuses on the fundamentals of writing (grammar, mechanics, diction, sentence structure, paragraphing) in connection with frequent short paper assignments. The course, which also emphasizes spelling and vocabulary improvement, is intended to prepare students for the required E 101-102 sequence. Does not count as hours credit for graduation. Three hours lecture, 2 hours lab per week. (Fall and Spring).

ECONOMICS

EC 100 CONSUMER ECONOMICS (3)
An introduction to the subject of economics from the standpoint of personal and household management; i.e., how personal buying and savings habits of the individual and family influence national economy.

EC 201 PRINCIPLES OF ECONOMICS I (3)
An introduction to macroeconomics analysis which concentrates on economy-wide systematic issues such as inflation, unemployment, and the level of economic activity.

EC 202 PRINCIPLES OF ECONOMICS II (3)
A study of economics which concentrates on micro-theoretical concepts such as pricing, consumer choice, business production, and profit decisions.

EC 301 INTERMEDIATE MICROECONOMICS (3)
The theory of price determination and the function of prices with respect to resources allocation and income distribution. Prerequisite: EC 202.

EC 302 INTERMEDIATE MACROECONOMICS (3)
Measurement and analysis of national income; theory of income determination; fluctuation and growth of economic activity; problems of fiscal and monetary theory and fiscal policy. Prerequisite: EC 202. (Alternate years.)

EC 361 MONEY AND BANKING (3)
A study of the monetary and banking systems of the United States and of monetary theory and fiscal policy. Prerequisite: EC 202. (Alternate years.)

EC 430 MANAGERIAL FINANCE (3)
A study of the principles and practices of financing business enterprises with special reference to the modern corporation. Attention is given to methods of acquiring permanent capital, administration of earnings, expansion, reorganization, and taxation. Prerequisite: M 302.

EDUCATION

Licensure requirements among the many areas of secondary and elementary education will change, effective May 1, 1994. The programs and courses listed in this catalog reflect those changes. Students who will complete the program and seek licensure prior to May 1, 1994, should refer to, and follow, the majors and courses as listed in the original 1990-1992 catalog.

ED 100 ORIENTATION TO TEACHING (2)
Required of all students seeking elementary or secondary teacher licensure. Designed to provide early entry-level experiences into the work of the public school teacher as well as the total school setting. Students will have on-campus seminar sessions and public school field experience. Opportunities will be provided for observation and work experience.

ED 101 FOUNDATIONS OF EDUCATION AND CURRICULUM DEVELOPMENT (3)
A study of the influence of historical, philosophical, and sociological factors on the development of American education, including major concepts associated with curriculum development in grades K-12. Emphasis will be given to an analysis of contemporary educational theory and practice and the role of the school in American society. The professional aspects of teaching may be explored and interpreted through observations and participations in the public school. Prerequisite: ED 100 or permission of instructor.

ED 201 EDUCATIONAL PSYCHOLOGY (3)
Human behavior in educational situations presented through various approaches to teaching. Empirical evidences of the development of learning and motivation will be studied as well as the implications of theory and research on educational practice. Emphasis will be placed upon the use of statistics in both descriptive and inferential applications. Prerequisite: ED 101 or permission of instructor.

ED 254 PRACTICUM IN SECONDARY EDUCATION (1)
Pre-student teaching experiences in the student's licensure area on the secondary level. Corequisite: ED 201.

ED 320 SURVEY OF EXCEPTIONAL CHILDREN (2)
Includes the study of the mentally retarded, behavioral disordered, communication disordered, learning disabled, physically handicapped, visually handicapped, and gifted as these affect the teacher in the classroom setting. Prerequisite: ED 201.

ED 322 CONCENTRATED CHILD STUDY (2)
Introduction to the various ways of studying, interpreting, and reporting child behavior as it relates to growth and development through theoretical and operational approaches. Field experience in various educational settings is requirerd. Prerequisite: ED 201.

ED 323 MEASUREMENT AND EVALUATION (3)
This course provides an in-depth study of the major concepts related to measurement and evaluation in the classroom. A knowledge of the uses for descriptive and inferential statistics is essential. Prerequisite.**

ED 328 TEACHING SCIENCE IN GRADES 1-8 (2)
Methods and materials for teaching science. Field experience required. Prerequisite.**

ED 329 TEACHING SOCIAL STUDIES IN GRADES 1-8 (2)
Methods and materials for teaching the social studies. Field experience required. Prerequisite** or permission of the instructor.

ED 330 CLASSROOM MANAGEMENT (2)
A study of the seven basic systems employed in classroom management with emphases on behavior modification approaches. Prerequisite.**

ED 353 TEACHING MATHEMATICS IN GRADES 1-8 (2)
Methods and materials for teaching mathematics. Field experience required. Prerequisites: M 121, 122, or permission of the instructor.**

ED 354 PRACTICUM IN SECONDARY EDUCATION (1)
Pre-student teaching experiences in the student's licensure area on the secondary level. Prerequisite: ED 254.

ED 355 READING IN THE CONTENT AREA (3)
Provides the prospective teacher in grades 7-12 with the basic principles of reading, including diagnosis and remediation, as well as methods for assisting secondary students in better understanding of reading assignments in the content area. Prerequisite.**

ED 425 WHOLE LANGUAGE MATERIALS AND METHODS (3)
Provides teachers in grades K-9 with the basic principles, theories and methods of Whole Language, as well as assisting prospective teachers to have a better understanding of effective teaching practices. An individualized needs assessment is conducted and teachers design materials to enhance their present learning environment. Open to post-baccalaureate, recertification students only.

ED 426 TEACHING THE LANGUAGE ARTS IN GRADES 1-8 (2)
Methods and materials of teaching the language arts. Field experience required. Prerequisite.**

ED 427 TEACHING READING IN GRADES 1-8 (2)
Methods and materials for teaching reading. Field experience required. Prerequisite.**

ED 430 DIAGNOSING READING PROBLEMS (2)
Diagnostic procedures in determining causes of reading difficulties as well as prescriptive techniques for remediation. Prerequisite.**

ED 433 METHODS OF TEACHING IN KINDERGARTEN (2)
Theories, methods, materials, and procedures as these apply to the education of kindergarten children. Includes pre-student teaching experiences with kindergarten children. Prerequisite: ED 322. Prerequisite.**

ED 441 DIRECTED TEACHING IN GRADES 1-8 (15)
Designed to aid the prospective elementary or middle school teacher in the development of skills and techniques necessary for guiding children in the learning process through practical experience in actual teaching. Experiences will be required in an early grade and a middle grade. Prerequisite: Approval of the Teacher Education Committee.

ED 450 DIRECTED TEACHING IN GRADES K-8 (15)
Designed to aid the prospective kindergarten, elementary or middle school teacher in the development of skills and techniques necessary for guiding children in the learning process through practical experience in actual teaching. Experience will be required in kindergarten and a middle grade. Prerequisite: Approval of the Teacher Education Committee.

ED 454 METHODS OF TEACHING IN GRADES 7-12 (3)
General and specific methods for teaching in the secondary school. Includes an analysis of teaching procedures appropriate for that level. Prerequisite: Acceptance into the Teacher Education Program, maintenance of a 2.50 in professional education, and satisfactory completion of ED 201. Offered each fall semester.

ED 454p PRACTICUM IN SECONDARY EDUCATION (1)
Pre-student teaching experiences in the student's licensure area on the secondary level. Prerequisites: ED 354. Corequisite ED 454.

ED 455 DIRECTED TEACHING IN GRADES 7-12 (15)
Designed to aid the prospective secondary teacher in the development of skills and techniques necessary for guiding secondary students in the learning process through practical experience in actual teaching in his/her major area. Experience will be required in two or more classroom settings. Prerequisite: Approval of the Teacher Education Committee.

** Prerequisite: Acceptance into the Teacher Education Program, maintenance of a 2.50 grade-point average in all education courses which have been completed, and satisfactory completion of ED 201.

The following Education courses are requirements for students who will graduate on or before December, 1993 (the "old" program) and will be scheduled only as need arises. The courses will be eliminated from the course listings after December, 1993.

ED 151 PUBLIC SCHOOL ART I (3)
Color theory and principles of design. Abstract projects in the application of the various color harmonies, and in design and composition provide the prospective teacher with a basis for designing educational displays, murals, etc., and for constructive criticism of student art work. The development of a greater appreciation for and enjoyment of the visual arts is an important aspect of the course.

ED 152 PUBLIC SCHOOL ART II (3)
Experience with applied art. Project course. Exploration of methods and materials used in public school art: crayon, chalk, water color, tempera, ink, finger painting, collage work, crayon etching, paper mosaic, paper sculpture. A final demonstration project is required.

ED 320 SURVEY OF EXCEPTIONAL CHILDREN (3)
Includes the study of the mentally retarded, behavioral disordered, communication disordered, learning disabled, physically handicapped, visually handicapped, and gifted as these affect the teacher in the classroom setting. Prerequisite: ED 201.

ED 322p PRACTICUM IN CHILD STUDY (1)
Field experience with young children in various educational settings. Prerequisite: ED 201. Simultaneous enrollment in ED 322 required.

ED 328p PRACTICUM IN SCIENCE (1-2)
Pre-student teaching experiences. Simultaneous enrollment in ED 328 required for elementary majors. May be repeated by secondary majors only. Prerequisite.**

ED 329p PRACTICUM IN SOCIAL STUDIES (1-2)
Pre-student teaching experiences. Simultaneous enrollment in ED 329 required for elementary majors. May be repeated by secondary majors only. Prerequisite** or permission of the instructor.

ED 330 CLASSROOM MANAGEMENT (3)
A study of the seven basic systems employed in classroom management with emphases on behavior modification approaches. Simultaneous enrollment in either ED 441 or 455 is required. Prerequisite.**

ED 353p PRACTICUM IN MATHEMATICS OR BUSINESS (1-2)
Pre-student teaching experiences. Simultaneous enrollment in ED 353 required for elementary majors. May be repeated by secondary majors only. Prerequisite.**

ED 426p PRACTICUM IN THE LANGUAGE ARTS OR ENGLISH (1-2)
Pre-student teaching experiences. Simultaneous enrollment in ED 426 required for elementary majors. May be repeated by secondary majors only. Prerequisite.**

ED 427p PRACTICUM IN READING (1-2)
Pre-student teaching experiences. Simultaneous enrollment in ED 427 required for elementary majors. May be repeated by secondary majors only. Prerequisite.**

ED 430 DIAGNOSING READING PROBLEMS (3)
Diagnostic procedures in determining causes of reading difficulties as well as prescriptive techniques for remediation. Simultaneous enrollment in ED 441 required for elementary majors. Prerequisite.**

ED 433 METHODS OF TEACHING IN KINDERGARTEN (3)
Theories, methods, materials, and procedures as these apply to the education of kindergarten children. Prerequisite: ED 322. Simultaneous enrollment in ED 433p required for those seeking Kindergarten certification. Prerequisite.**

ED 433p PRACTICUM IN THE KINDERGARTEN (1)
Pre-student teaching experiences with kindergarten children. Simultaneous enrollment in ED 433 required. Prerequisite: ED 322.**

ED 441 DIRECTED TEACHING IN GRADES 1-8 (9)
Designed to aid the prospective elementary or middle school teacher in the development of skills and techniques necessary for guiding children in the learning process through practical experience in actual teaching. Prerequisite: Approval of the Teacher Education Committee.** Simultaneous enrollment in ED 330, ED 430 required.

ED 450 DIRECTED TEACHING IN KINDERGARTEN (9)
Designed to aid the prospective kindergarten teacher in the development of skills and techniques necessary for guiding children in the learning process through practical experience in actual teaching. Prerequisite: Approval of the Teacher Education Committee.**

ED 454 METHODS OF TEACHING IN GRADES 7-12 (2)
General and specific methods for teaching in the secondary school. Includes an analysis of teaching procedures appropriate for that level. Prerequisite.**

ED 455 DIRECTED TEACHING IN GRADES 7-12 (9)
Designed to aid the prospective secondary teacher in the development of skills and techniques necessary for guiding secondary students in the learning process through practical experience in actual teaching in his/her major area. Prerequisite: Approval of the Teacher Education Committee.** Simultaneous enrollment in ED 330, ED 355 required.

ENGLISH

E 101 FRESHMAN COMPOSITION I (3)
Training in effective expository, expressive, persuasive, and analytical writing. Reading of selected works of literary prose as models for effective writing. Students with special needs may be required to supplement regular class meetings with attendance at the Writing Laboratory. E 101 is prerequisite to all other English courses with the exception of E 270 and E 308.

E 102 FRESHMAN COMPOSITION II (3)
Continuation of E 101 with additional emphasis on the reading of poetry and on research techniques. The completion of a research paper is one of the requirements of the course. Prerequisite: E 101. E 102 is prerequisite to all 300 and 400 level English courses with the exception of E 270 and E 308.

E 201 MASTERPIECES OF WORLD LITERATURE I (3)
A study of Western literature from the classical, medieval, and renaissance periods. Extensive reading of primary works. Prerequisite: E 102.

E 202 MASTERPIECES OF WORLD LITERATURE II (3)
A study of Western literature from the neoclassical, romantic, realistic, and modern periods. Extensive reading of primary works. Prerequisite: E 102.

E 250 JOURNALISTIC WRITING (3)
This course is designed to provide the knowledge and special techniques involved in the gathering and writing of news stories for the print media. Emphasis will be upon writing in the journalistic style, copy editing, and the wire service stylebook. Prerequisite: E 102. (Offered annually). Also listed as MC 250.

E 270r CREATIVE WRITING (3)
An introductory class in creative writing with an emphasis on extensive student writing in one or more genres. The class includes discussion of student writing. No prerequisite. Does not fulfill ACR.

E 308r SCHOOL PUBLICATIONS WORKSHOP (1)
The student enrolled in this course gains practical experience in writing, editing, and layout through work for one or more of the school publications. These publications are the student newspaper, the yearbook, and the literary magazine. No prerequisite. Does not fulfill ACR.

E 312 BOOKS AND RELATED MATERIALS FOR CHILDREN (3)
This course promotes knowledge of and use of books for children. Attention is given to choosing books and related materials (videos, magazines, etc.) for different age and ability levels as well as integrating trade books into the curriculum. Prerequisite E 102. Does not fulfill the literature requirements of the ACRs. Also listed as LS 312.

E 313 BOOKS AND RELATED MATERIALS FOR ADOLESCENTS (3)
This course provides knowledge and use of books and related materials (movies, magazines, etc.) for adolescents. Emphasis is placed on critical judgment in the evaluation, selection, and promotion of reading material for this age group. Prerequisite E 102. Does not fulfill the literature requirements of the ACRs. Also listed as LS 313.

E 321 HISTORY OF THE ENGLISH LANGUAGE (3)
A consideration of the historical development of the English language from the Anglo-Saxon period to the present. Prerequisite: E 102. May be applied to the language but not the literature requirement of the ACR. (Alternate years.)

E 322 ENGLISH GRAMMAR AND USAGE (3)
This course seeks to promote an awareness of the nature of language and its various aspects. Emphasis will be placed on a thorough review of traditional grammar, with some attention given to such areas as structural and transformational grammar, regional dialects, semantics, etymology, and phonology. Prerequisite: E 102. May be applied to the language but not the literature requirement of the ACR. (Alternate years.)

E 330 BRITISH LITERATURE: EARLY AND MEDIEVAL PERIODS (3)
Analytical and critical study of several of the writings of British literature before 1500. Included is a study of *Beowulf* and of portions of *Canterbury Tales*. Prerequisite: E 102. (Alternate years).

E 331 BRITISH LITERATURE: THE RENAISSANCE (3)
Analytical and critical study of selected writings of the British Renaissance, including works by Sidney, Spenser, Shakespeare, Marlowe, and Milton. Prerequisite: E 102. (Alternate years.)

E 332 BRITISH LITERATURE: THE RESTORATION AND EIGHTEENTH CENTURY (3)
Analytical and critical study of selected writings of the Restoration and eighteenth-century neoclassicism, including works by Dryden, Pope, Johnson, and Swift. Prerequisite: E 102. (Alternate years.)

E 333 BRITISH LITERATURE: THE ROMANTIC PERIOD (3)
Analytical and critical study of selected writings of the Romantic period, including works by Wordsworth, Coleridge, Byron, Shelley, and Keats. Prerequisite: E 102. (Alternate years.)

E 334 BRITISH LITERATURE: THE VICTORIAN PERIOD (3)
Analytical and critical study of selected writings of the Victorian period, including works by Tennyson, Browning, and Arnold. Prerequisite: E 102. (Alternate years.)

E 335 BRITISH LITERATURE: THE TWENTIETH CENTURY (3)
Analytical and critical study of selected writings of modern British literature, including works by Shaw, Yeats, Joyce, and Eliot. Prerequisite: E 102. (Alternate years.)

E 340 AMERICAN LITERATURE: THE COLONIAL AND FEDERAL PERIODS (3)
A study of American literature from its beginning to 1800. The course will study the work of such writers as Edwards, Franklin, and Jefferson. Prerequisite: E 102. (Alternate years.)

E 341 AMERICAN LITERATURE: THE NINETEENTH CENTURY (3)
A study of nineteenth-century American literature with discussion of such writers as Poe, Emerson, Hawthorne, Dickinson, and Twain. Prerequisite: E 102. (Alternate years.)

E 342 AMERICAN LITERATURE: THE TWENTIETH CENTURY (3)
A study of twentieth-century American literature which examines the works of such writers as Frost, O'Neill, O'Connor, and Singer. Prerequisite: E 102. (Alternate years.)

E 351r READINGS IN SHAKESPEARE (3)
Analytical and critical study of selected dramas by Shakespeare. May be repeated in consecutive years since different plays will be selected for study. Prerequisite: E 102.

E 391 ADVANCED COMPOSITION (3)
This course focuses on the composition of an extensive research paper. The class will study the development and organization of expository writing. Prerequisite: E 102. Does not fulfill ACR.

E 408r ENGLISH PRACTICUM (TUTORING) (1)
Under the supervision of a faculty member in the English Department the student will tutor another student needing remedial or ESL work in English. The tutor will use a variety of materials, including textbooks, composition handbooks, exercise workbooks in grammar, ESL workbooks, and computer programs for composition. Maximum credit: 3 hours. Permission of the instructor is required prior to enrollment.

E 410r READINGS IN THE NOVEL (3)
Analytical and critical study of selected classics in the genre of the novel. May be repeated in consecutive years since different novels will be selected for study. Prerequisite: E 102.

E 420r READINGS IN LITERATURE (3)
An advanced course of in-depth reading in one or more authors or particular periods of English, American, or World Literature. Includes substantial reading of primary texts supplemented by secondary texts. Students will be tested with objective and/or essay exams and will write one or more papers. Open to English majors and others with consent of the instructor.

E 430 CHAUCER AND HIS AGE (3)
Close critical study of *The Canterbury Tales* and of other selected works by the "Father of English Poetry." Consideration of the language, customs, historical events, and literary developments of the later Middle Ages. Prerequisite: E 102.

E 440 MILTON AND HIS AGE (3)
Close critical study of *Paradise Lost* and of other selected works of Milton. Some consideration of Milton's contemporaries and of the historical and literary developments of the seventeenth century. Prerequisite: E 102.

E 485 BRITISH SEMINAR FOR ENGLISH MAJORS (3)
Survey of British literature from Medieval to Modern. Designed to insure students familiarity with the total scope of British literary history—medieval, renaissance, neoclassical, romantic, Victorian, and modern. Seminar papers required. Prerequisite: 3 hours of upper division British Literature. Does not fulfill the ACR literature requirement.

ENGLISH AS A SECOND LANGUAGE

ESL 101, 102 ENGLISH AS A SECOND LANGUAGE (6,6)
A rigorous ESL course that takes an eclectic approach to instruction. The course emphasizes grammar, composition, reading comprehension, listening comprehension, and conversational instruction and includes at least three cultural outings. Both courses must be taken concurrently. Only six semester hours of ESL credit may be used toward a bachelor's degree.

FOREIGN LANGUAGES

F 101*, 102* ELEMENTARY FRENCH I, II (3, 3)
Pronunciation, grammar, oral and written exercises, conversation, dictation, and easy reading material.

F 201*, 202* INTERMEDIATE FRENCH I, II (3, 3)
Systematic review of grammar with oral practice, some written composition, and with further reading of modern prose. Prerequisites: F 101, 102, or two years of high school French.

G 101*, 102* ELEMENTARY GERMAN I, II (3, 3)
A presentation of the fundamentals of grammar with oral and written practice and some simple reading.

G 201*, 202** INTERMEDIATE GERMAN I, II (3, 3)
Grammar review and reading of modern prose (stories, plays). Prerequisites: G 101, 102, or two years of high school German.

S 101*, 102* ELEMENTARY SPANISH I, II (3, 3)
Pronunciation, grammar, oral and written exercises, conversations, dictation, and easy reading material.

S 201*, 202* INTERMEDIATE SPANISH I, II (3, 3)
Systematic review of Spanish grammar with oral practice and some written composition and with further reading of modern Spanish prose by both Spanish and Spanish-American writers. Prerequisites: S 101, 102, or two years of high school Spanish.

FRESHMAN ORIENTATION

TWC 101 FRESHMEN ORIENTATION (1)
The course is designed to introduce and orient the incoming freshman to the academic, social, cultural, and spiritual transition to college. The course will also provide information on available resources and skills essential to enhancing the student's college experience.

HEALTH EDUCATION

HE 161 ENVIRONMENTAL AND PUBLIC HEALTH (3)
A study of health problems of community living with emphasis on the environmental concerns, prevention and control of communicable disease, available health services, consumer health concerns, aging and dying.

HE 162 PERSONAL HEALTH AND DRUG ABUSE (3)
A survey of factors related to personal health and wellness: anatomy and physiological bodily functions, nutrition, physical and mental fitness, substance use and abuse.

HE 263 NUTRITION (3)
The study of basic nutritional principles and the effects on the human body. Diets for individual and special needs are reviewed. Special emphasis is placed on nutritional needs for physical fitness. (Alternate years, 1993 and 1995.)

HE 264 SAFETY EDUCATION AND FIRST AID (3)
Emphasis is on first-aid methods, techniques, and skills needed for emergency management, home and environmental safety. Certification in American Red Cross, and Responding to Emergencies (including adult CPR).

HE 361 SCHOOL HEALTH EDUCATION (2)
A methods course designed for the Health and Elementary Education majors. Course concentration will deal with the scope of the school health program, healthful school environment, school safety and identification of the well child and departures from normal. (Alternate years, 1993 and 1995.)

HE 365 HEALTH FOR ELEMENTARY TEACHERS (2)*
A general survey course designed to give the elementary teacher a foundation in health science. Course concentration will be centered toward identification and prevention of disease, personal health practices including basic nutrition, and a general survey of the use and abuse of drugs. (Alternaate years.)

HE 375 HEALTH SCIENCE (3)
A general survey course designed to provide a broad foundation in health science. Topics covered include: wellness, nutrition, personal health practices, use and abuse of drugs, environmental health, hazards, health appraisal, first aid. Two lectures, one two-hour lab per week. (Alternate years, 1992 and 1994.)

HE 470 DIRECTED TEACHING IN HEALTH EDUCATION K-12 (9)*
Students will be placed in local educational institutions for practical experience in planning, conducting, and evaluating health education units. Senior standing.

* This course is part of the Elementary Education Major for students who will graduate on or before December, 1993 (the "old" program) and will be scheduled only as need arises. The course will be eliminated from the course listings after December, 1993.

HISTORY

H 100 CONTEMPORARY AFFAIRS (1)
This course is a study of the current news periodicals, radio and television news programs. It seeks to provide background information for an analysis and an understanding of events both national and international in nature.

H 101, 102 THE WESTERN HERITAGE I, II (3, 3)
A survey of Western, essentially European, institutions, culture, religions, and ideologies from the Paleolithic era until about 1945. The course also attempts to show how history is not simply a body of knowledge but also a way of thinking. The first semester covers the topic from the Paleolithic era until 1789, and the second from 1789 until approximately 1945.

H 107, 108 WORLD GEOGRAPHY: A HISTORICAL PERSPECTIVE (3, 3)
This course is a two-semester survey of world historical geography. Designed to demonstrate how history has often turned on geographic circumstances and to show how history and geography have interacted to help determine present-day ways of life. H 107 concentrates on developed nations, while H 108 is given over to an analysis of undeveloped and developing areas. While emphasizing historical development within geographic contexts, the course also includes the economic, cultural, and geologic forces that make geography an essential discipline for understanding human potential and limitations. As it shows how humanity has exploited and often damaged its environment, the course also tries to show the necessity of world-wide ecological responsibility.

H 204, 205 HISTORY OF THE UNITED STATES, I, II (3, 3)
A broad survey of the United States from colonial times to the present, including aspects of American political, economic, social and cultural development. Familiarity with and understanding of the major and conflicting interpretations of American history is also expected.

H 310, 311 HISTORY OF MODERN EUROPE I, II (3, 3)
An historical analysis of European politics, culture, and society from the Renaissance to the present, as well as a study of the ways historians have attempted to interpret the events and movements of the period. Fall semester: Renaissance to the French Revolution. Spring semester: The French Revolution to the present.

H 341, 342 HISTORY OF THE SOUTH I, II (3, 3)
A study of the economic, cultural, social and political development of the American South from the Jamestown settlement to the present with particular emphasis on the origin and continuity of Southern distinctiveness, slavery, the plantation economy and society of the Old South, the Civil War and Reconstruction, and the origin and progress of the New South.

H 345, 346 SOCIAL AND CULTURAL HISTORY OF THE UNITED STATES I, II (3, 3)
A survey of American life and thought emphasizing the origin and evolution of American social ideas, practices, and institutions, with specific reference to immigration, social reform movements, religion, education, science, literature, and the arts. Particular attention will be given to the complex interaction between forces of social cohesion and social conflict caused by rapid social change, resulting from urbanization and industrialization.

H 435 HISTORY OF TENNESSEE (3)
Political, social, and economic history of Tennessee from earliest settlement until the present.

H 461r SEMINAR IN HISTORY (3)
An intensive study of selected topics in history and including research in the materials of history and the writing of analytical reports. May be repeated for credit.

H 481 HISTORY OF RUSSIA FROM ANCIENT RUSSIA TO PETER THE GREAT (3)
This, the first half of a survey of Russian history, concerns the founding of ancient Russia to the accession of Peter the Great. The course will cover the coming of the Mongols, then the rise of the political center of Kiev, Novgorad, and Moscow, the unification of "Great Russia" and the establishment of the Romanov dynasty. (Alternate years.)

H 482 RUSSIAN HISTORY FROM MID-SEVENTEENTH CENTURY TO THE PRESENT (3)
The second half of a survey of Russian history, H 482 concerns the rise of the Imperial Russia of Peter the Great and Catherine II, Russian expansionism, political and economic reforms, the revolutions of 1905 and 1917, Stalinism, and the fall of Russian Communism. (Alternate years.)

HUMAN SERVICES

HS 231 INTRODUCTION TO HUMAN SERVICES (3)
A survey of the philosophy, history, and practice of human service professions in our society; an overview of the development, training, and ethics of human service professionals; develops a point of view (theory and practice) of human services related to the structure of our society and the worth of the individual. Prerequisites: PY 101, SO 101. Fall.

HS 333 HUMAN SERVICE SKILLS (3)
An orientation to listening and interviewing skills for use with individuals and groups; provides student with a better understanding of self and others through role play and other interactional experiences. Spring.

HS 434 ADVANCED HUMAN SERVICE SKILLS (3)
This course builds on knowledge and techniques introduced in HS 333, preparing students for careers or graduate study in counseling or other helping professions; participants engage in role play, taped counseling sessions, and group counseling experiences; students gain knowledge of their own personality and behavioral predispositions, and evaluate how these may influence relations with others. Prerequisite: HS 333. Fall. (Alternate years.)

HS 460r HUMAN SERVICES FIELDWORK (3, 6)
These courses consist of specialized, practical learning experiences through field placement (an internship) in a social service agency. Students will participate in weekly review and evaluation of the activities in the work setting. Students are expected to consider the relationship of the field placement experience to their classroom learning. Prerequisites: HS 231, 333. Spring.

LIBRARY SCIENCE

LS 312 BOOKS AND RELATED MATERIALS FOR CHILDREN (3)
This course promotes knowledge of and use of books for children. Attention is given to choosing books and related materials (videos, magazines, etc.) for different age and ability levels as well as integrating trade books into the curriculum. Prerequisite E 102. Does not fulfill the literature requirements of the ACRs. Also listed as E 312.

LS 313 BOOKS AND RELATED MATERIALS FOR ADOLESCENTS (3)
This course provides knowledge and use of books and related materials (movies, magazines, etc.) for adolescents. Emphasis is placed on critical judgment in the evaluation, selection, and promotion of reading material for this age group. Prerequisite E 102. Does not fulfill the literature requirements of the ACRs. Also listed as E 313.

MASS COMMUNICATIONS

MC 101 INTRODUCTION TO JOURNALISM AND MASS COMMUNICATIONS (3)
A study of the theoretical aspects of the communications process. The course also considers the history of mass communications with special emphasis on the development of the newspaper, magazines, books, motion pictures, and the contemporary circumstances involving these media. It also examines the history of broadcasting, including the influence of radio programming and technology upon the television industry.

MC 250 JOURNALISTIC WRITING (3)
This course is designed to provide the knowledge and special techniques involved in the gathering and writing of news stories for the print media. Emphasis will be upon writing in the journalistic style, copy editing, the wire service stylebook. Prerequisite: E 102. (Alternate years.) Also listed as E 250.

MC 301, 302, 303 PRACTICUM IN MASS COMMUNICATIONS (1, 1, 1)
Provides the student with an opportunity to utilize the skills and talents developed in previous mass communication courses. In particular it will provide the student with opportunities for individual projects involving print and radio and television performance capabilities. Prerequisite: Practicums are normally reserved for junior and senior students and requires permission of the instructor.

MC 305 PHOTOJOURNALISM (3)
This course is designed to offer the student theoretical and practical instruction in the use of the camera in the field of journalism. The student receives field experience utilizing the camera as a tool in reporting news events, plus darkroom instruction in processing and printing. Course activities also include flash photography, lighting techniques, use of filters in the darkroom and toning techniques. (Offered annually.)

MC 311 PUBLIC RELATIONS/WRITING FOR BROADCAST AND PRINT (3)
The student will be taught the practice of public relations history, concepts, management, and techniques. Generally accepted broadcast and wire service writing techniques will be utilized extensively. This course includes analyses of audience measurements, demographics, and the planning of media campaigns. Additionally, the course will include techniques of writing creative messages for the broadcast and print media. Prerequisites: E/MC 250. (Offered annually.)

MC 450 MASS COMMUNICATIONS LAW (3)
This course exposes the student to important laws and regulations which affect mass communications. These include First Amendment rights, defamation, libel, invasion of privacy, copyright, obscenity, shield laws, regulations on broadcasting and advertising, and legal problems involved in covering the executive, legislative and judicial branches of government. (Alternate years.)

MC 460 INTERNSHIP (3)
At the conclusion of this course the student will have gained practical knowledge and experience through work in a professional environment, such as a newspaper office, advertising agency, radio or television station and the like. This course is limited to junior and senior mass communications majors and minors who have completed all required 100 and 200-level courses in mass communications. (Offered each semester.)

MATHEMATICS

M 121 COLLEGE ALGEGRA (3)
This course emphasizes the basic concepts of Algebra, equations and inequalities; functions, relations, and graphs; introduction to polynomial and rational functions; introduction to exponential and logarithmic functions; and introduction to trigonometry. Not open to students who have completed M 141 or M 281. Prerequisite: Satisfactory score on Mathematics placement test. Course is offered in every semester.

M 122 FINITE MATHEMATICS (3)
This course emphasizes matrices, Geometric Linear Programming, and the Simplex Method, as well as topics in sets and counting, probability and statistics, and consumer mathematics. Not open to students who have completed M 142 or M 281. Prerequisites: M 121 or permission of departmental chairman. The course is offered in the fall and spring semesters.

M 141, 142 PRECALCULUS MATHEMATICS I, II (3, 3)
M 141 emphasizes fundamental concepts of the real numbers including intervals, inequalities, absolute values, quadratic equations and inequalities; an introduction to complex numbers; functions including notation, linear and quadratic functions, translations, composition and inverse functions, polynomial and rational functions, synthetic division, graphing techniques, and the Fundamental Theorem of Algebra; an introduction to exponential and logarithmic, functions and equations. M 142 emphasizes trigonometric functions including graphs, inverse functions, identities and proving identities; systems and matrices including Cramer's Rule, and systems of inequalities, and Analytic Geometry including conic sections, vectors, polar coordi-

nates, mathematical induction, the Binomial Theorem, sequences, series, and summation notations are covered if time permits. Students who have successfully completed two years of high school algebra should be able to satisfactorily complete these courses. Not open to students who have completed M 282.

M 281, 282 CALCULUS I, II (4, 4)
This course is designed for the well-prepared freshman or the sophomore with a background in some college mathematics. Mastery of the following topics is emphasized: function limits, continuity, differentiation, integration, and applications. Prerequisite: M 142 or permission of departmental chairman.

M 301, 302 ELEMENTARY STATISTICS I, II (3, 3)
These courses offer an elementary knowledge of statistical methods useful in economics, business, psychology, sociology, other social sciences, and other disciplines that require statistical analysis. M 301 emphasizes description statistics and probability, including the binomial and normal distributions and sample variability; M 302 continues with more inferential statistics including chi-square tests, analysis of variance, linear correlation and regression, and elements of non-parametric statistics. Prerequisite: M 122 or permission of the departmental chairman.

M 321 DISCRETE MATHEMATICS (3)
This course provides an introduction to discrete mathematical structures. Topics include elementary propositional calculus, elementary set theory, functions and relation, recursion, induction, graph theory and combinatorics. Prerequisite: M 142 or permission of department chairman. (Alternate years.)

M 341 INTERMEDIATE ANALYSIS (3)
This course is designed to continue the study of calculus and analysis. The topics covered will have more of a theoretical approach than some of the same topics discussed in more elementary mathematics. Proof is emphasized. Prerequisite: M 282. (Alternate years.)

M 351 LINEAR ALGEBRA (3)
This course includes the study of abstract vector spaces, linear transformations and their matrices, systems of linear equations and determinants, inner-products, and diagonalization of symmetric matrices. Prerequisite: M 282 or permission of departmental chairman. (Alternate years.)

M 361 INTRODUCTION TO GEOMETRY (3)
This course is designed to give a quick and comprehensive background in geometry for the benefit of math majors in secondary education. Emphasis will be placed on proofs, congruent triangles, similar polygons, right triangles, circles, constructions, loci, and areas and volumes of solids. Prerequisite: M 282 or permission of departmental chairman. (Alternate years.)

M 381 MULTI-VARIABLE CALCULUS (3)
This course continues the study of calculus with emphasis on functions of two or more variables. Topics covered include infinite series, vectors, three dimensional spaces, partial derivatives, and multiple integrals. Prerequisite: M 282. (Fall.)

M 411, 412 INTRODUCTION TO MODERN ALGEBRA I, II (3, 3)
Some of the topics that will be studied are: number theory, proof, groups, equivalences, congruences, rings, matrices, linear systems, determinants, and fields. This course will help the student develop mathematical maturity. The course is recommended strongly for students who plan to attend graduate school or teach mathematics. Prerequisite: M 282 or permission of departmental chairman. (Alternate years.)

M 421 ORDINARY DIFFERENTIAL EQUATIONS (3)
A study of ordinary differential equations and their solutions. A number of methods used to solve such equations will be studied. Practical problems in physics, engineering, biology, economics, sociology, and chemistry are solved. This course will help the student integrate calculus, analytic geometry, algebra and trigonometry. Prerequisite: M 282. (Alternate years.)

M 451 MATHEMATICAL MODELING (3)
Survey of construction and development of mathematical models used in science and industry. Models studied may draw upon Markov chains, linear optimization, graph theory, or differential and integral equations. Some of the topic analyses include cell growth and decay, predator-prey systems and compartment systems. Mathematics developed contribute to understanding of the model and associated scientific problems that it approximates. Prerequisites: M 351 and M 421 or permission of departmental chairman. (Alternate years.)

M 464r MATHEMATICS SEMINAR (3)
Each student will be expected to do some investigations in mathematics on his own. The student will have an opportunity to study in detail some topics of interest. Open to juniors and seniors only unless permission is granted by the departmental chairman.

MUSIC

MU 100r CLASS PIANO (1)
Repeatable up to four hours of credit. Class and private instruction for beginning students interested in functional and applied performance skills. Students will learn major and minor scales, cadence progressions, melodic transposition, improvisation of accompaniments, beginning and intermediate levels of literature, and development of some facility in different styles of playing. Entry level will be assessed and the degree of progress carefully monitored to determine whether the student should be allowed to register for the course the following term. Open to all students with the permission of the instructor. (Fall and Spring.)

MU 103r APPLIED MUSIC (1-3)
Applied instruction in voice, piano, organ, guitar, and orchestral instruments with emphasis on learning appropriate techniques and literature for the voice or instrument being studied. Music majors may apply no more than 12 hours of credit in any one applied area toward a degree. Prerequisite: Permission of the instructor. (Fall and Spring.)

MU 108 INTRODUCTION TO MUSIC FUNDAMENTALS (3)
A study of the rudiments of musical theory. Credit may not be used toward a major in music. (Spring.)

MU 111 MATERIALS AND STRUCTURES OF MUSIC I (3)
A study of the four-part harmony and harmonic progression techniques used in the eighteenth century and an introduction to seventh chords and modulation. Part writing and analysis are stressed. Prerequisite: MU 108 or proficiency. (Fall.)

MU 111L MATERIALS AND STRUCTURES OF MUSIC I LAB (1)
An introduction to singing and hearing simple rhythms, scales, intervals, and triads. (Fall.)

MU 112 MATERIALS AND STRUCTURES OF MUSIC II (3)
A continuation of MU 111 with emphasis on secondary dominants, two-part and three-part forms, American popular songs, and jazz forms. Prerequisite: MU 111 or proficiency. (Spring.)

MU 112L MATERIALS AND STRUCTURES OF MUSIC II LAB (1)
A continuation of MU 111L. Prerequisite: MU 111L or proficiency. (Spring.)

MU 116r CLASS VOICE (1)
Repeatable up to four hours of credit. Class and private instruction for beginning and other students interested in functional and applied singing skills. Entry level will be assessed and the degree of progress carefully monitored to determine whether the student should be allowed to register for the course the following term. Open to all students with the permission of the instructor. (Fall and Spring.)

MU 121r CLASS ORCHESTRAL INSTRUMENT (1)
Repeatable up to four hours of credit. Class and private instruction for beginning students interested in developing applied performance skills on an orchestral instrument. Entry level will be assessed and the degree of progress carefully monitored to determine whether the student should be allowed to register for the course the following term. Open to all students with the permission of the instructor. (Fall and Spring.)

MU 161r COLLEGE BAND (1)
An organization open to all qualified students in the college on the approval of the director. Literature may include all styles of music including jazz and popular. Several public performances are given each year. Music majors who have a wind or percussion instrument as their applied area may receive no more than six hours of credit toward their degree. (Fall and Spring as enrollment permits.)

MU 171r CONSOLIDATION (1)
A small vocal ensemble open to all qualified students through audition and approval of the director. Literature may include popular, jazz, folk, and classical styles. Several public performances will be given each year both on and off the campus. A tour during spring break should be expected. Instrumentalists who wish to accompany this group may apply. Music majors who have piano or voice as their applied area may receive no more than six hours of credit toward their degree. (Fall and Spring.)

MU 181r SMALL ENSEMBLE (1)
Open to all qualified students in the college on the approval of the instructor. Ensembles could be composed of various voice, keyboard, guitar, or orchestral instrument groups. Music majors may receive no more than six hours of credit toward their degree. (Fall and Spring.)

MU 191r CONCERT CHOIR (1)
The Concert Choir is a select group of men and women admitted through audition. In addition to concerts performed at the college and in the community, the choir tours extensively, appearing in churches, schools, and on radio and television. Open to all students. Music majors who have piano or voice as their applied area may receive no more than six hours of credit toward their degree. (Fall and Spring.)

MU 200r CLASS PIANO (1)
A second-year continuation course series for MU 100. Class and private instruction for intermediate level students interested in functional and applied performance skills. Students will learn to improvise accompaniments, play intermediate level literature, improve and refine their technical skills, improve expressive interpretation and develop some facility in different styles of playing such as marches, popular tunes, and simple hymns. (Fall and Spring.)

MU 207 MUSIC APPRECIATION (3)
For the student interested in developing an appreciation of music from the structural and historical points of view. The course includes an examination of the elements of music, repetition, form, mediums, and style characteristics from 1450 to the present. Credit may not be used toward a major in music. (Fall and Spring.)

MU 208 THE CREATIVE PROCESS IN ART AND MUSIC (3)
A study to develop the appreciation for and understanding of the creative process in art and music. Emphasis on expressing ideas through the use of art and music, relating the arts to each other and other subjects, and involvement in the creative process. (Fall.)

MU 211 MATERIALS AND STRUCTURES OF MUSIC III (3)
A study of counterpoint, the fugue; variation techniques; borrowed chords; ninth, eleventh, and thirteenth chords; and altered chords. Prerequisite: MU 112 or proficiency. (Fall.)

MU 211L MATERIALS AND STRUCTURES OF MUSIC III LAB (1)
A continuation of MU 112L with emphasis on triads, seventh chords, melodic dictation, and harmonic dictation. Prerequisite: MU 112L or proficiency. (Fall.)

MU 212 MATERIALS AND STRUCTURES OF MUSIC IV (3)
A continuation of MU 211 with emphasis on altered chords, sonata allegro form, rondo form and other late nineteenth and twentieth-century compositional techniques. Prerequisite: MU 211 or proficiency. (Spring.)

MU 212L MATERIALS AND STRUCTURES OF MUSIC IV LAB (1)
A continuation of MU 211L with emphasis on melodic and harmonic dictation, altered chords, chromaticism, and other twentieth-century techniques. Prerequisite: MU 211L or proficiency. (Spring.)

MU 303r APPLIED MUSIC (1-3)
Applied instruction in voice, piano, organ, guitar, and orchestral instruments with emphasis on learning appropriate techniques and literature for the voice or instrument being studied. Music majors must have at least three hours toward their degree. Prerequisite: Proficiency audition. (Fall and Spring.)

MU 310 MUSIC IN THE CHURCH (2)
A study of the philosophy and objectives of the church music program. Topics will include personnel involved in the program, the music budget, the music library, the rehearsal room, instrumental music and acoustics. (Fall, alternate years.)

MU 311 INSTRUMENTATION (3)
A study of the basic techniques of scoring music for voices, string ensembles, woodwind ensembles, brass ensembles, and percussion ensembles. Prerequisite: MU 212. (Fall, alternate years.)

MU 314, 315 HISTORY OF MUSIC I, II (3, 3)
A survey of stylistic periods in music history from the primitive origins to the developments of the twentieth century. Analysis of the formal elements of style, especially as they relate to the performance of music, will be a major emphasis. Special attention will be given to the aural comprehension of stylistic characteristics. (MU 314—Fall, MU 315—Spring, alternate years.)

MU 324 BEGINNING CONDUCTING (3)
A study of the basic techniques of conducting including use of the baton, expressive gestures, clefs and transposition, and principles of orchestral, band, and choral score reading. (Fall, alternate years.)

MU 325 ADVANCED CONDUCTING AND CHORAL TECHNIQUES (3)
A study of more advanced conducting techniques with an emphasis on choral ensembles. The choral topics will include: intonation, tone production, balance, diction, style, repertory, rehearsal techniques, and organization as they apply to school, church, and civic choral organizations. (Spring, alternate years.)

MU 329 METHODS AND MATERIALS FOR TEACHING MUSIC IN THE ELEMENTARY SCHOOL (3)
The study of music teaching methods and materials, and the role of the music teacher in the areas of classroom management, student evaluation, and curriculum development in the elementary school. (Fall, alternate years.)

MU 332 METHODS AND MATERIALS FOR TEACHING GENERAL MUSIC IN THE SECONDARY SCHOOL (3)
The study of the principles, procedures, and materials for teaching general music and other non-performing music classes in the junior high and high school. Special emphasis is placed on the methods and materials for teaching the changing voice, and the role of the music teacher in the area of classroom management, student evaluation, and curriculum development in grades 7-12. (Spring, alternate years.)

MU 361r COLLEGE BAND (1)
An organization open to all qualified students in the college on the approval of the director. Literature may include all styles of music including jazz and popular. Several public performances are given each year. Music majors who have a wind or percussion instrument as their applied area must have at least two hours of credit. Prerequisite: At least four hours of MU 161r. (Fall and Spring as enrollment permits.)

MU 371r CONSOLIDATION (1)
A small vocal ensemble open to all qualified students through audition and approval of the director. Literature may include popular, jazz, folk, and classical styles. Several public performances will be given each year both on and off the campus. A tour during spring break should be expected. Instrumentalists who wish to accompany this group may apply. Prerequisite: At least four hours of MU 171r. (Fall and Spring.)

MU 381r SMALL ENSEMBLE (1)
Open to all qualified students in the college on the approval of the instructor. Ensembles could be composed of various voice, keyboard, guitar, or orchestral instrument groups. Prerequisite: At least four hours of MU 181r. (Fall and Spring.)

MU 391r CONCERT CHOIR (1)
The Concert Choir is a select group of men and women admitted through audition. In addition to concerts performed at the college and in the community, the choir tours extensively, appearing in churches, schools, and on radio and television. Music majors who have piano or voice as their applied area must have at least two hours of credit. Prerequisite: At least four hours of MU 191r. (Fall and Spring.)

MU 450 DIRECTED TEACHING IN MUSIC (15)
A course designed to enable the prospective music teacher to become familiar with the skills and techniques needed in guiding students in the learning process and to gain experience in the school as an agency of the community. Approval of the student's Teacher Education Committee is required for enrollment. (Fall and Spring.)

The following courses are part of the Elementary Education and Music Education Majors for students who will graduate on or before December, 1993 (the "old" program) and will be scheduled only as need arises. The courses will be eliminated from the course listings after December, 1993.

MU 221 METHODS AND MATERIALS FOR TEACHING PERCUSSION INSTRUMENTS (1)
The study of the principles, procedures and materials for teaching the various percussion instruments. Lecture and lab. (Alternate years.)

MU 222 METHODS AND MATERIALS FOR TEACHING BRASS INSTRUMENTS (1)
The study of the principles, procedures, and materials for teaching the various brass instruments. Lecture and lab. (Alternate years.)

MU 231 METHODS AND MATERIALS FOR TEACHING STRING INSTRUMENTS (1)
The study of the principles, procedures, and materials for teaching the various stringed instruments. Lecture and lab. (Alternate years.)

MU 241 METHODS AND MATERIALS FOR TEACHING WOODWIND INSTRUMENTS (1)
The study of the principles, procedures, and materials for teaching the various woodwind instruments. Lecture and lab. (Alternate years.)

MU 311 INSTRUMENTATION (2)
A study of the basic techniques of scoring music for voices, string ensembles, woodwind ensembles, brass ensembles, and percussion ensembles. Prerequsiste: MU 212.

MU 320 MUSIC FOR ELEMENTARY TEACHERS I (3)
Foundations and principles of music and music teaching for the elementary school teacher. Emphasis will be placed on the development of an appreciation of music from the structural and historical points of view.

MU 321 MUSIC FOR ELEMENTARY TEACHERS II (3)
Methods and materials for teaching musical concepts in the elementary classroom through singing, playing, creating, moving and listening experiences. Observation and practicum experiences may be required in the elementary school.

MU 450 DIRECTED TEACHING IN MUSIC (9)
A course designed to enable the prospective music teacher to become familiar with the skills and techniques needed in guiding students in the learning process and to gain experience in the school as an agency of the community. Approval of the Department Chairperson is required for enrollment.

PHILOSOPHICAL STUDIES

PH 100 INTRODUCTION TO PHILOSOPHY (3)
A study of the fundamental problems of philosophy and of the leading contemporary schools of philosophy.

PH 101 INTRODUCTION TO LOGIC (3)
An introduction to critical thinking as applied concretely to the everyday world of the student in such areas as ordinary conversations and the mass media.

PH 200 INTRODUCTION TO ETHICS (3)
An introduction to the methods and language of ethics as applied specifically to major contemporary individual and social problems. (Alternate years.)

PH 209 CONTEMPORARY PHILOSOPHICAL ISSUES (3)
An examination of selected problems or movements of current interest, such as Existentialism, Phenomenology, Political Ethics, Philosophy of Religion. (Alternate years.)

PH 319r DIRECTED STUDIES: HISTORICAL PHILOSOPHY (3)
A critical investigation of major philosophers in one of the following periods: Ancient and Medieval; Renaissance through Nineteenth Century; Twentieth Century. Prerequisite: 3 hours at 100 or 200 level. (On demand.)

PHYSICAL EDUCATION AND RECREATION

PHYSICAL EDUCATION ACTIVITY COURSES FOR MEN AND WOMEN
Two semester hours of physical education activity courses are required of all students (4 hours for physical education majors). Students excused for medical reasons are required to take a course in health education.

PE 100 General (assigned on an ad hoc basis)
PE 101 Archery/Badminton
PE 102 Swimming/Emergency Water Safety
PE 103 Golf/Volleyball
PE 104 Softball/Weight Training
PE 105 Bowling (extra fee)/Tennis
PE 106 Jogging/Conditioning
PE 107 Folk/Square Dancing
PE 108 Stunts/Tumbling/Gymnastic

PE 200 INTRODUCTION TO PHYSICAL EDUCATION AND RECREATION (3)
An introduction and orientation to the professions of physical education and recreation. Special emphasis is placed on the historical and philosophical foundations, objectives and goals, fields of study, and trends in today's society.

PE 257 LIFEGUARD TRAINING (2)
The skills and knowledge necessary to prevent accidents, rescue, and care for victims of accidents in and around an aquatic environment, duties and responsibilities of a lifeguard at a pool or open water area. Red Cross certification available. Prerequisite: Current standard First Aid and CPR certification, ability to swim 500 yards. May be substituted for one activity course.

PE 258 WATER SAFETY INSTRUCTOR (3)
Planning, organizing, and skill development for teaching water safety and swimming courses for infants through adults. Red Cross WSI certification available. Prerequisite: Skill and knowledge of the five basic swimming strokes. May be substituted for one activity course.

PE 300 RECREATION AND PARK SERVICES (3)
Development, structure, purposes, values, functions and program planning and development in private, public, voluntary and commercial recreation and park systems. Prerequisite: PE 200. (1992 and 1994, alternate years.)

PE 301 PHYSICAL EDUCATION FOR ELEMENTARY TEACHERS (3)*
Developmental physical activities, games, sports, dance, stunts and tumbling for grades K-6 including methods, curriculum development and lesson planning in a combined traditional and movement education approach.

PE 302 LIFETIME SPORTS (2)
The history, rules, theory, and teaching progressions for the lifetime sports of: Archery, Badminton, Bowling, Golf and Tennis.

PE 303 TEAM SPORTS (2)
The history, rules, theory, and teaching methods for the team sports: Basketball, Flag Football, Softball, Soccer, and Volleyball. Included are appropriate lead-up activities and games for grade levels K-12.

PE 305 FOLK AND SQUARE DANCING (2)
Fundamental and traditional rhythmic activities including singing games, folk and square dances for elementary and secondary school programs. Party planning and social recreation leadership included. (1992 and 1994, alternate years.)

PE 306 STUNTS, TUMBLING AND GYMNASTICS (2)
Instruction and practice in stunts, tumbling and gymnastic skills (balance beam, vaulting, even and uneven parallel bars) appropriate for grades K-12. Emphasis is on developmental activities, safety, teaching methods, and planning. (1993 and 1995, alternate years.)

PE 307 COACHING AND OFFICIATING TEAM SPORTS (2)
The philosophical, ethical, social, and financial fundamental principles of coaching, and techniques of officiating selected team sports. TSSAA certification available. Field experience. Prerequisite: PE 303. (1993 and 1995, alternate years.)

PE 308 ACTIVITIES FOR CHILDREN (3)
The knowledge of rules, equipment, safety, physical skills, and attitudes of fair play in fitness, rhythm movement, gymnastics, games and sports appropriate to the developmental level of children 5–14 years of age. Two lectures, two lab periods per week.

PE 365 ADAPTIVE PHYSICAL EDUCATION (3)
Designed to provide a basic understanding of handicapping conditions including preceptual and motor development while including evaluation, placement and programming for physical education and recreation. Field experience. (1992 and 1994, alternate years.)

PE 375 CAMPING AND OUTDOOR RECREATION (2)
Instruction in camping skills, philosophy, administration and organization, leadership, program development, and safety. Planning and participation in hikes, cook outs, and overnights. (Summer only—1993 and 1995, alternate years.)

PE 411 TESTS AND MEASUREMENTS IN PHYSICAL EDUCATION (3)
Assessment and evaluation of sports skills, physical fitness, health related fitness, and other factors for physical education programs K-12. Emphasis is placed on evaluation techniques. (1992 and 1994, alternate years.)

PE 421 PHYSIOLOGY OF EXERCISE (3)
A basic understanding of physiology and its application to muscular activity with instruction, methods, and practice teaching in calisthenics for the different levels. Fitness including developmental and aerobic activities. (1992 and 1994, alternate years.)

PE 431 ADMINISTRATION AND ORGANIZATION OF PHYSICAL EDUCATION (3)
A comprehensive study of the role of physical education in education; administrative and organizational problems in physical education, athletics, and intramurals including supervision, budgeting, facilities and equipment, and safety. (1993 and 1995, alternate years.)

PE 451 CURRICULUM DEVELOPMENT IN PHYSICAL EDUCATION (3)
Curriculum planning including program design, methods, selection of suitable materials by age levels, and lesson planning K-12. (1992 and 1994, alternate years.)

PE 471 FIELD EXPERIENCE IN RECREATION (3)
Enables the student to become involved with recreation delivery systems by working with selected organizations related to the student's professional interests. Prerequisites: PE 200, 300, senior status.

PE 472 DIRECTED TEACHING IN PHYSICAL EDUCATION K-12 (15)
Students will be placed in local educational institutions for practical experience in planning, conducting and evaluating physical education programs at various grade levels.

PE 472 DIRECTED TEACHING IN PHYSICAL EDUCATION K-12 (9)*
Students will be placed in local educational institutions for practical experience in planning, conducting and evaluating physical education programs.

* This course is part of the Elementary Education and/or Physical Education Major for students who will graduate on or before December, 1993† (the "old" program) and will be scheduled only as need arises. The course will be eliminated from the course listings after December, 1993.† (†December, 1994, for Physical Education Majors).

PHYSICS AND PHYSICAL SCIENCES

P 131 PHYSICAL SCIENCE: CHEMISTRY AND PHYSICS (4)
A survey course of chemistry and physics designed to enhance a student's understanding of the physical and chemical laws and activities in the world in which we live. Three hours of lecture and two hours of laboratory per week.

P 132 PHYSICAL SCIENCE: EARTH AND SPACE (4)
A survey course of earth and space sciences designed to enhance a student's understanding of astronomy, geology and meterology and his relationship with the physical world around him. Three hours of lecture and two hours of laboratory per week.

P 211, 212 GENERAL PHYSICS I, II (4, 4)
The course encompasses mechanics, heat, sound, optics, electricity and atomic structure. This is the physics course required for science majors and pre professional medical students. Three hours of lecture and two hours of laboratory per week. Prerequisite: M 142. (1992 and 1993, alternate years.)

P 231 CURRENT TOPICS IN ASTRONOMY AND GEOLOGY (2)*
Current topics in astronomy and geology as reported in scientific literature and the general media will be studied in depth. This course is required for licensure for secondary general science teachers. Prerequisite: P 132 or approval of the instructor.

* This course is part of the Science Education Major for students who will graduate on or before December, 1993 (the "old" program) and will be scheduled only as need arises. The course will be eliminated from the course listings after December, 1993.

POLITICAL SCIENCE

PS 201 AMERICAN GOVERNMENT AND POLITICS (3)
A broad survey of the national, state and local government of the United States and the role of American foreign policy, the development and interpretation of the constitution, the functions and operation of the organs of government, and party organization and politics.

PS 202 INTRODUCTION TO POLITICAL SCIENCE (3)
A study of the origins, development, structure and functions of political systems and governments including the roles and functions of public opinion, interest groups, propaganda, and comparative government.

PS 360 INTERNATIONAL RELATIONS (3)
This course is a study of the role of politics, law, science and technology in the relations between nations. It includes an analysis of the problems of the cold war, global strategic views, and the powers and limitations of the United Nations in the struggle for world peace.

PSYCHOLOGY

PY 101 INTRODUCTION TO PSYCHOLOGY (3)
A comprehensive survey of the field of psychology, defined as the scientific study of behavior; topics include development, personality, social interaction, abnormal behavior, learning, and motivation. PY 101 is a prerequisite for all 300-400 level PY courses. Fall/Spring.

PY 231 DEVELOPMENTAL PSYCHOLOGY I (3)
Growth and development in children and adolescents, emphasizing intellectual and emotional development and the socialization processes from birth through the teen years; interpretations of developmental theories of physical and personality changes and needs in these life stages. Fall.

PY 251 DEVELOPMENTAL PSYCHOLOGY II (3)
Advanced study of developmental processes in the stages of adult life—young, middle, and aging; attention is given to theory and research, and to the changing experience of aging, illness, and death in our contemporary society. Spring.

PY 261 SOCIAL PSYCHOLOGY (3)
An analysis of the behavior and experience of individuals in group settings, examining such topics as leadership, conformity, rumor, mass media, and intergroup/intragroup relations. Spring. Also listed as SO 261.

PY 270 SOCIAL RESEARCH METHODS (3)
An orientation to the principles and practices of social science methodology, examining the nature of the scientific method and basic techniques in social research design as applied to the collection, analysis, and interpretation of data. Prerequisite: PY 101. Fall. Also listed as SO 270.

PY 310 PSYCHOLOGICAL APPLICATIONS FOR BUSINESS (3)
The course focuses on the application of psychology to the issues and needs of business, industry and formal organizations, including organizational behavior in the business environment and individual adjustment to organizational performance. Prerequisite: PY 101 or permission of the instructor. Also listed as BA 310.

PY 311 ABNORMAL PSYCHOLOGY (3)
A study of psychopathology, maladjustment, and abnormal behavior in human beings: their origins in personality development, their characteristic symptoms, and modern methods of treatment. Prerequisite: PY 101. Fall.

PY 312 EXPERIMENTAL PSYCHOLOGY (3)
Detailed study of the application of the scientific method to the study of human behavior; interprets the nature and function of probability statistics and illustrates experiments in perception, motivation, learning, and emotion. Prerequisites: PY 101, PY 270. Spring. (Alternate years.)

PY 321 THEORIES OF PERSONALITY (3)
A study of the development, organization, and assessment of the normal personality; consideration of the personality theories coming out of the psychoanalytic, behavioristic, and humanistic traditions. Prerequisite: PY 101. Fall.

PY 331 PHYSIOLOGICAL PSYCHOLOGY AND LEARNING (3)
A study of the physical basis of behavior, including the functioning of the nervous system, drug and hormone effects, and sensory processes; principles pertaining to changes in behavior resulting from experience, including reinforcement, punishment, motivation, problem-solving, and social influences; exploring physical and learned origins of abnormal behavior. Prerequisite: PY 101. Spring. (Alternate years.)

PY 411 ADVANCED GENERAL PSYCHOLOGY (3)
Opportunities for advanced students and psychology majors to review, evaluate and integrate key areas of study in the discipline; designed to enable students to identify strong and weak points in their knowledge of psychology, and to allow a concentration of individual study in areas of need; includes an overview of the history and current systems of psychology. Prerequisite: PY 101. Spring.

PY 470r RESEARCH AND PRACTICUM IN PSYCHOLOGY (3)
This course gives senior psychology majors an opportunity to do independent research with faculty supervision. The student will learn to apply psychological theory and methodology to a real problem of the student's choice, utilizing skills acquired in previous course work in psychology. Open to senior psychology majors who have taken PY/SO 270; and PY 312. In addition the student should have completed at least nine additional hours in 3-400 level psychology classes.

RELIGION

R 100 THE CHRISTIAN FAITH (3)
A study of the major elements of Christian theology and their historical development. Emphasis is placed on the basic issues involved in attaining a personal and mature Christian faith.

R 101 INTRODUCTION TO THE BIBLE (3)
The study of the history and faith of the Jewish and Christian communities as expressed in the Old and New Testaments. Selected writings will be studied with special emphasis given to understanding the historical and cultural context of these writings and to problems of interpretation.

R 200 INTRODUCTION TO RELIGIOUS STUDIES (3)
An inquiry into human culture and beliefs of the past and present in an attempt to help students understand, appreciate, and rethink basic convictions. (Alternate years.)

R 207 WORLD RELIGIONS (3)
A study of the great living religions of the world (Judaism and Christianity excepted), with their historical development and present trends. (Alternate years.)

R 211r CHRISTIANITY AND THE SOCIAL ORDER (3)
A survey of the application of basic Christian principles to the social, economic, and international relations of the social order. (Alternate years.)

R 300 JESUS IN THE GOSPELS (3)
A study of Jesus as depicted in the gospels with an evaluation of his significance for our day. Prerequisite: Three hours at 100 or 200 level. (Alternate years.)

R 305 NEW TESTAMENT THEOLOGY (3)
Special study of selected groups of New Testament writings—Pauline letters, Johannine literature, later epistles and Revelation. Prerequisite: Three hours at 100 or 200 level. (Alternate years.)

R 307 OLD TESTAMENT THEOLOGY (3)
A study of selected parts of the Old Testament, such as the Pentateuch, Historical Books, the Prophets, Wisdom Literature, with some attention to their contemporary applications. Prerequisite: Three hours at 100 or 200 level. (Alternate years.)

R 310 UNITED METHODIST HISTORY AND BELIEFS (3)
An examination of the theological beliefs of the Reverend John Wesley, the founder of Methodism and his influence upon the beliefs of the contemporary United Methodist Church. Prerequisite: Three hours at 100 or 200 level. (Alternate years.)

R 318 HISTORY OF THE CHRISTIAN CHURCH (3)
A brief survey of the institutional and theological history of Christianity from the New Testament era to the contemporary period. Prerequisite: Three hours at 100 or 200 level. (Alternate years.)

R 320r MODERN CHRISTIAN THOUGHT (3)
A comparison of several major systems of Christian theology and the exploration of some contemporary trends. The course is designed to show the broad divisions in theology and to introduce significant current issues. Prerequisite: Three hours at 100 or 200 level. (Alternate years.)

R 325, R 327 CHURCH VOCATIONS PRACTICUM I, II (3, 3)
On-site work in and study of a local congregation or church institution, jointly supervised by college and congregational or institutional personnel. Each course requires 15 12-hour weeks or 4½ 40-hour weeks at the church or institution. Prerequisites: Six hours of Religious Studies, and permission of the instructor. (Alternate years.)

R 335*, R 336* NEW TESTAMENT GREEK I, II (3, 3)
Elementary Hellenistic Greek grammar oriented toward the reading of the Greek New Testament. Prerequisites: The completion of six hours in the department, and permission of the instructor.

R 445*, 446* READINGS IN NEW TESTAMENT GREEK I, II (1, 1)
Additional experience in translation and in using resources for philosophical study of the New Testament. Prerequisites: R 335, 336 (New Testamént Greek) and permission of the instructor.

R 219r, R 319r DIRECTED STUDIES IN RELIGION I, II (1, 2, or 3)
Inquiry into selected issues in the field of religion or problems of interdisciplinary scope, pursued through special reading-research projects or seminar. The subject matter will vary from year to year. Prerequisite: For R 319 only, three hours at 100 or 200 level.

SOCIOLOGY

SO 101 INTRODUCTION TO SOCIOLOGY (3)
Basic principles and concepts of the discipline; introduction to the theories and methods of the social sciences; emphasis upon social structure and process, including social groups, culture, social institutions, stratification, deviance, social problems, and social change. SO 101 is a prerequisite for all 300-400 level SO courses. Fall/ Spring.

SO 202 MARRIAGE AND FAMILY (3)
The structure and function of the family as social institution, from a cultural and historical perspective; kinship patterns in American society and trends in courtship, marriage, and family relationships; processes of sexual socialization, changing sex roles, mate selection, marital adjustment and decision-making throughout the life cycle. Spring.

SO 203 CULTURAL ANTHROPOLOGY (3)
A comparative examination of the cultural organization of social behavior around the world; emphasis upon similarities and differences between peoples; exploration of the beliefs, values, norms, and material elements which structure social experience. Fall.

SO 261 SOCIAL PSYCHOLOGY (3)
An analysis of the behavior and experience of individuals in group settings, examining such topics as leadership, conformity, rumor, mass media, and intergroup/ intragroup relations. Spring. Also listed as PY 261.

SO 270 SOCIAL RESEARCH METHODS (3)
An orientation to the principles and practices of social science methodology, examining the nature of the scientific method and basic techniques in social research design as applied to the collection, analysis, and interpretation of data. Prerequisite: PY 101. Fall. Also listed as PY 270.

SO 301 RACIAL AND CULTURAL MINORITIES (3)
A survey of historical and contemporary patterns of prejudice and discrimination, especially as experienced by major racial and ethnic groups in America; theoretical views and interpretations of majority-minority relations. Prerequisite: SO 101. Fall.

SO 321 SOCIAL PROBLEMS, MOVEMENTS, AND CHANGE (3)
Contemporary perspectives of social problems as personal deviation, group behavior, and loss of social control; theoretical aspects of identification of and response to social problems; social movements as solutions; causes and consequences of social change. Prerequisite: SO 101. Fall.

SO 331 CRIMINOLOGY AND CRIMINAL JUSTICE (3)
A social history of the nature, frequency, and significance of behavior defined as criminal; theories and trends of causes and deterrence, with emphasis on categories of crime such as white-collar and organized crime, juvenile delinquency; processes and evaluation of the criminal justice system. Prerequisite: SO 101. Spring. (Alternate years.)

SO 401 POPULATION AND SOCIETY (3)
Scientific study of population size, composition, and distribution; analysis of trends and differentials in birth rates, death rates, and migration; consideration of actual and potential pressures and problems of population; the interrelationship of population and the social structure. Prerequisite: SO 101. Spring.

SO 421 SOCIOLOGICAL THEORY (3)
A study of the historical development of social thought and of social theory, including classical and contemporary; social theory as an integrating and explanatory frame-of-reference for social phenomena; the reciprocal influence of theory and research. Prerequisite: SO 101. Spring. (Alternate years.)

SPEECH AND THEATER

SP 101 INTRODUCTION TO SPEECH (3)
Introduction to Speech introduces the basic principles of interpersonal communication and stresses the enhancement of successful interaction between individuals. Speeches will be required.

SP 201 VOICE SCIENCE/ORAL INTERPRETATION (3)
Voice Science/Oral Interpretation is an intense study in the International Phonetic Alphabet and the use of the voice in the interpretation of literature, story telling, dramatic readings and poetry.

SP 204 BUSINESS SPEAKING (3)
Business Speaking is designed primarily for the student majoring in business or anticipating entry into a profession requiring competency in public speaking. Business Speaking is offered as an alternative to Introduction to Speech.

SP 301 GROUP DISCUSSION (3)
The theory and practice of rhetorical methods and procedures serve as the base of study for this course. Attendance at public court sessions will be required.

SP 303 PERSUASION (3)
Persuasion is a continuation of Group Discussion. Emphasis is placed on the use of rhetoric as an agent of personal and social control.

TH 104 INTRODUCTION TO THEATER (3)
A study of the fundamentals and theory of a dramatic arts presentation. This course will include a study of the basic techniques needed to create a dramatic performance.

TH 408 DIRECTING (2)
This course includes principles and procedures of play directing including play selection, interpretation, and the patterning of auditory and visual stimuli. Performance is required.

College Personnel

EXECUTIVE OFFICERS

James E. Cheek, II, B.A., M.A.T., Litt.D., President

John B. Chambers, B.A., Ph.D., Academic Dean

Jean D. Arrants, B.S., Business Manager

Stan R. Harrison, B.S., M.S., Dean of Students and Women's Basketball Coach

James G. Harrison, B.S., M.Ed., Dean of Enrollment

Samuel R. Roberts, III, B.A., M.Div., M.Phil., Ph.D., Chaplain and Associate Professor of Religion

Robbie J. Ensminger, A.A., Executive Assistant to the President and Director of Alumni Affairs

ADMINISTRATIVE OFFICERS

Connie Akers, R.N., Nurse

Bill Akins, B.S., M.A., D.H.L., Director of Adult and Continuing Education

David Bankston, B.S., M.A., Head Football Coach

Marsha Bankston, B.F.A., Assistant Registrar

Robert E. Barnett, B.A., M.A., Ph.D., Director of International Studies and Director of Camps and Conferences

Carol Bates, Bookkeeper

Susan Buttram, B.S., Admissions Counselor

Kenneth Charles, Superintendent of Buildings and Grounds

Nelson Green, B.A., B.S., Assistant Director of Admissions

Kenneth J. Hefner, B.A., Director of Student Activity Center, Men's and Women's Soccer Coach

Eugenia Miller, Assistant to the Business Manager

Lydia Norfleet, B.A., M.A., Registrar

Wayne Norfleet, B.S., M.S., Athletic Director

Elizabeth L. Papa, B.A., M.A., Director of Marketing and Annual Giving

Mike Policastro, B.S., Director of Intramurals and Head Baseball Coach

Janice L. Ryberg, B.S., M.Ed., D.Mus., Director of Institutional Research and Planning

Edna Simpson, B.S., Director of Financial Aid

Holland Vibbert, Assistant to the Dean of Students

LIBRARY STAFF

Julie Adams, M.S.L.S., Assistant Librarian

Anita Cain, B.F.A., Reference Librarian

Muriel E. Chambers, Clerical Assistant

Sandra Clariday, B.S., M.L.S., Director of the Library

Janice Martin, Assistant to Librarian

Jane Shultz, Periodicals and Audio-visuals Assistant

SUPPORT STAFF

Connie Allen, Financial Aid Officer

Jan Brock, Secretary to the Academic Dean

Barbara Dodson, A.A., Secretary to the Director of Adult and Continuing Education

Patton M. Duncan, B.S., Title III Administrator

Sara Jo Hamilton, Institutional Services Manager

Betty Scott Johnson, Bookstore Manager

Glenn T. Lowe, Director of Food Services

Ralph Monday, B.S., M.A., Title III Curriculum Specialist

David Staff, B.S., Assistant Football Coach/Women's Softball Coach

Louise Trotter, Secretary to the Development Officer

Laura T. Turner, B.A., Title III Computer Specialist

Kris Williams, Secretary to the Admissions Department

Lynn E. Whiting, B.S., M.S., Assistant in the Development Office

Gregory W. Yetter, Systems Manager

BRANCH COORDINATORS

Nancy Brooks (Oak Ridge, Knoxville, 1989); B.S., University of North Alabama; M.A., George Peabody College.

Bill L. Hewitt (Chattanooga, 1987); B.S., M.B.A., University of Tennessee, Chattanooga.

FACULTY

Julie E. Adams, Assistant Librarian - 1987; B.A., Maryville College; M.S.L.S., University of Tennessee.

Bill Akins, Director of Adult and Continuing Education - 1989; B.S., Tennessee Wesleyan College; M.A., Georgia Southern College; D.H.L., Tennessee Wesleyan College.

Judy G. Arnold, Associate Professor (Education - 1990); B.A., Carson-Newman College; M.A., Ed.D., University of Tennessee.

M. K. Augustine, Associate Professor (Mathematics - 1990); B.S., M.S., M.Phil., University of Kerala; Ph.D., North Carolina State University.

Joyce R. Baker, Professor (Chemistry - 1981); B.S., Ohio Northern University; Ph.D., Texas A&M University.

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Jackie D. Batson, Associate Professor (Biology - 1990); B.S., M.S., University of Alabama; Ph.D., University of Kentucky.

Floyd E. Bowling, Professor Emeritus (Mathematics - 1959); A.B., Lincoln Memorial University; M.S., State University of Iowa; Ed.D., University of Tennessee; Sc.D., Tennessee Wesleyan College. (Part-Time)

Vanessa S. Butler, Adjunct (Behavioral Science - 1992); B.S., Middle Tennessee State University; M.S.S.W., University of Tennessee.

John B. Chambers, Professor (English - 1986); Teacher's Certificate, St. John's College, York; B.A., University of Nottingham; Ph.D., University of Newcastle Upon Tyne.

V. Darnell Chance, Associate Professor (Music - 1982); B.A., Tennessee Wesleyan College; M.Div., Candler School of Theology, Emory University; M.A., University of Tennessee.

James E. Cheek, II, Associate Professor (English - 1976); B.A., Emory and Henry College; M.A.T., University of Chattanooga; Litt.D., Lincoln Memorial University.

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Stan R. Harrison, Assistant Professor (Health, Physical Education - 1982); B.S., M.S., University of Tennessee.

B. T. Hutson, Associate Professor (Business Administration - 1956); B.S., M.S., University of Tennessee.

Bryan A. Jackson, Part-Time (Economics - 1980); B.S., M.B.A., University of Tennessee; C.P.A.

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Elizabeth A. Keirn, Associate Professor (Health, Physical Education and Recreation - 1966); B.S., University of Tennessee; M.S., Florida State University.

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Thomas J. King, Instructor (Mass Communications - 1990); B.A., Brigham Young University; M.S., Central Missouri State University.

Gary L. Long, Assistant Professor (Mathematics - 1987); B.S., M.S., U.S. Naval School.

Martha E. Maddox, Associate Professor (Business Administration - 1989); B.B.A., B.S.Ed., M.Ed., Ed.D., University of Georgia.

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George E. Naff, Part-Time (Religion - 1975); A.B., D.D., Emory and Henry; M.Div., Candler School of Theology, Emory University.

Herbert Neff, Professor Emeritus (Education - 1964); B.A., Anderson College; M.A., Kent State University.

Thomas L. Oneal, Professor (Business Administration - 1985); B.S., M.A., University of Tennessee; C.P.A.

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William W. Reedy, Adjunct (Business - 1984); B.S., University of Wisconsin; J.D., John Marshall Law School.

Samuel R. Roberts, III, Associate Professor (Religion and Philosophy - 1986); B.A., West Virginia Wesleyan; M.Div., Yale Divinity School; M.Phil., Ph.D., Drew University.

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C. Courtney Senn, Professor Emeritus (Mathematics - 1963); B.S., U.S. Naval Academy; M.A.T., Duke University. (Part-Time)

James W. Thompson, Associate Professor (Sociology - 1971); B.A., Southwestern University; M.A., University of Houston.

Genevieve E. Wiggins, Adjunct (English - 1961); A.B., University of Chattanooga; M.A., Vanderbilt University; Ph.D., University of Tennessee.

Jeanne R. Williams, Part-Time (Behavioral Science - 1982); B.S., University of Tennessee, Chattanooga; M.S., University of Tennessee.

Craig G. Wilson, Assistant Professor (Computer Information Systems - 1991); B.A., Indiana University; M.A., Ball State University.

TENNESSEE WESLEYAN COLLEGE
Calendar 1992-93

Fall Semester, 1992

Registration (Evening and Off-Campus)	Mon.-Thur., August 10-13
New Faculty Orientation	Tues., Wed., August 11, 12
Faculty Orientation	Thurs., Fri., August 13, 14
Dorms Open for New Students	Sunday, August 16
Dorms Open for Returning Students	Monday, August 17, 1:00 p.m.
Orientation/Advisement New Students	Mon., Tues., August 17, 18
Advisement Returning Students	Monday, August 17, 1:00-4:00 p.m.
Registration (Athens Day Students)	Tues., Wed., August 18, 19
Classes Begin	Thursday, August 20
Last Day to Add a Class or Register Late	Friday, August 28
Last Day to Drop With 80% Refund	Thursday, September 3
Labor Day (Classes and Offices Closed)	Monday, September 7
Last Day to Drop With Grade of "W"	Thursday, September 24
Mid-Term Day	Wednesday, October 7
Fall Break	Thurs.-Tues., October 8-13
Advisement Weeks	November 2-20
Early Registration for Spring Semester	Nov. 9, 10, 16, 17, 23, 24, 30, & Dec. 1
Thanksgiving Holidays	November 25-27
Last Day of Classes	Friday, December 4
Final Exams	Mon., Dec. 7 - Thurs., Dec. 10

Spring Semester, 1993

Registration (Evening and Off-Campus)	Mon.-Thurs., January 4-7
Dorms Open	Sunday, January 10
Registration (Athens Campus Day Students)	Mon., Tues., January 11, 12
Classes Begin	Wednesday, January 13
Last Day to Complete Application for May or August Graduation	Wednesday, January 13
Last Day to Add or Register Late	Friday, January 22
Last Day to Drop With 80% Refund	Wednesday, January 27
Last Day to Drop With Grade of "W"	Tuesday, February 16
Mid-Term Day	Wednesday, March 3
Spring Break	March 15-19
Advisement Weeks	March 22 - April 8
Early Registration for Fall Semester	March 29, 30, April 5, 6, 13, 14
Easter Break	April 9-12
Last Day of Classes	Friday, April 30
Final Exams	Mon.-Thurs., May 3-6
Commencement	Saturday, May 8

Summer School, 1993

Registration Long Term	Monday, May 10
Registration (Evening and Off-Campus)	May 10-13
Long Term Classes Begin	Monday, May 17
Last Day to Add or Register Late—Long Session	Friday, May 21
Registration First and Second Short Sessions	Friday, May 28
First Session Classes Begin	Tuesday, June 1
Last Day to Add or Register Late—First Session	Thursday, June 3
Last Day to Drop with "W"—Long Session	Friday, June 11
Last Day to Drop with "W"—First Session	Friday, June 11
Registration for Second Session	Tuesday, June 29
First Session Ends	Friday, July 2
Second Session Begins	Tuesday, July 6
Last Day to Add or Register Late—Second Session	Tuesday, July 8
Last Day to drop with "W"—Second Session	Thursday, July 15
Second and Long Sessions End	Tuesday, August 10

TENNESSEE WESLEYAN COLLEGE
Calendar 1993-94

Fall Semester, 1993

Registration (Evening and Off-Campus)	Mon.-Thur., August 16-19
New Faculty Orientation	Tues., Wed., August 17, 18
Faculty Orientation	Thurs., Fri., August 19, 20
Dorms Open for New Students	Sunday, August 22
Dorms Open for Returning Students	Monday, August 23, 1:00 p.m.
Orientation/Advisement New Students	Mon., Tues., August 23, 24
Advisement Returning Students	Monday, August 23, 1:00-4:00 p.m.
Registration (Athens Day Students)	Tues., Wed., August 24, 25
Classes Begin	Thursday, August 26
Last Day to Add a Class or Register Late	Friday, September 3
Last Day to Drop With 80% Refund	Thursday, September 9
Labor Day (Classes and Offices Closed)	Monday, September 6
Last Day to Drop With Grade of "W"	Friday, September 30
Mid-Term Day	Monday, October 11
Fall Break	Thurs.-Tues., October 14-19
Advisement Weeks	November 1-19
Early Registration for Spring Semester	Nov. 8, 9, 15, 16, 22, 23, 29, 30
Thanksgiving Holidays	November 24-26
Last Day of Classes	Friday, December 10
Final Exams	Mon., Dec. 13 - Thurs., Dec. 16

Spring Semester, 1994

Registration (Evening and Off-Campus)	Mon.-Thurs., January 3-6
Dorms Open	Sunday, January 9
Registration (Athens Campus Day Students)	Mon., Tues., January 10, 11
Classes Begin	Wednesday, January 12
Last Day to Complete Application for May or August Graduation	Wednesday, January 12
Last Day to Add or Register Late	Friday, January 21
Last Day to Drop With 80% Refund	Wednesday, January 26
Last Day to Drop With Grade of "W"	Tuesday, February 15
Mid-Term Day	Monday, February 28
Spring Break	March 7-11
Advisement Weeks	March 21 - April 8
Early Registration for Fall Semester	March 28, 29, April 5, 6, 11, 12
Easter Break	April 1-4
Last Day of Classes	Friday, April 29
Final Exams	Mon.-Thurs., May 2-5
Commencement	Saturday, May 7

Summer School, 1994

Registration Long Term	Monday, May 9
Registration (Evening and Off-Campus)	May 9-12
Long Term Classes Begin	Monday, May 16
Last Day to Add or Register Late—Long Session	Friday, May 20
Registration First and Second Short Sessions	Friday, May 27
First Session Classes Begin	Tuesday, May 31
Last Day to Add or Register Late—First Session	Thursday, June 2
First Session Ends	Friday, July 1
Last Day to Drop with "W"—Long Session	Friday, June 10
Last Day to Drop with "W"—First Session	Friday, June 10
Registration for Second Session	Tuesday, June 29
Second Session Begins	Tuesday, July 5
Last Day to Add or Register Late—Second Session	Tuesday, July 7
Last Day to drop with "W"—Second Session	Thursday, July 14
Second and Long Sessions End	Tuesday, August 9

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